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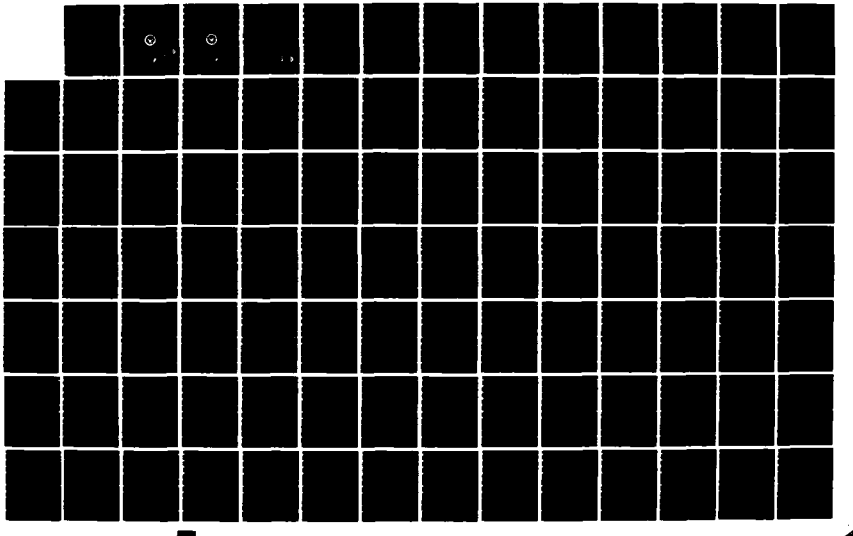

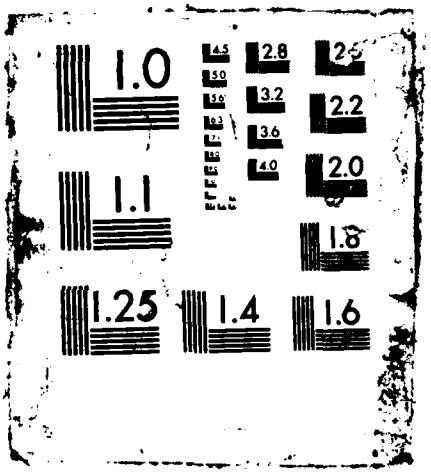
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AQCESS AD HOC REPORT GENERATOR QUICK REFERENCE GUIDE

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NDC Federal Systems, Inc.
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The Automated Quality of Care Evaluation Support System (AQCESS) is a microcomputer based, integrated, terminal oriented, interactive, on-line computer system designed to support Patient Administration, Clinical Records, and Quality of Care Evaluation functions within a Military Medical Treatment Facility. The AQCESS Quick Reference Guide contains examples of screens used by the Ad Hoc Report General subsystem. For each screen containing data fields, a Data Chart describing those fields is provided. In data entry fields, the description also includes the field length and indicates whether a field is required.

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NOTE TO THE AD HOC REPORT GENERATOR USER

Only one copy of this document is provided to each AQCESS site. Each MTF should reproduce a copy of this document for each Ad Hoc Report Generator User. This "Master Copy" should be maintained as part of the AQCESS documentation. When required, change pages and updates will be issued. Updates should be copied for each User and then incorporated into this "Master Copy."

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AQCESS
AD HOC REPORT GENERATOR SUBSYSTEM
QUICK REFERENCE GUIDE

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AQCESS
AD HOC
REPORT GENERATOR
SUBSYSTEM

QUICK REFERENCE GUIDE
VERSION 1.0

AQCESS
AD HOC REPORT GENERATOR
QUICK REFERENCE GUIDE
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SECTION 1

AD HOC SCREENS AND DATA CHARTS

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INTRODUCTION TO SECTION 1

Section 1 of this guide contains examples of screens used by the Ad Hoc Report Generator (Ad Hoc) subsystem. For each screen containing data fields, a Data Chart describing those fields is provided. In data entry fields, the description also includes the field length and indicates whether a field is required (** = required field). For a comprehensive users' guide to the Ad Hoc subsystem, refer to the Ad Hoc Report Generator Subsystem Instructional Handbook.

Common Data Fields. The following data fields appear on the Ad Hoc subsystem report definition screens. They are described here rather than on each Ad Hoc Data Chart.

(1) REPORT NUMBER. The AQCESS identification number of the report that is to be generated or modified. All Ad Hoc subsystem options prompt for a report number prior to accessing the target screen. For a list of available reports and their numbers, press Help. Up to 4 characters are available.**

(2) FILE ID. The data dictionary file number of the variable. All reports are defined in terms of file numbers. For example, a report including Registration Information would use the Registration File, Number 8000. The report generator allows for the selecting, sorting, and printing of data from different physical files only if there is a logical relationship between the files. The file number may be the primary or any associated file. This entry is left blank for the following inputs: computed variables, run-time parameters, current date, and current time. For a list of all available AD HOC files turn to Section 7. Up to 7 characters are possible.

(3) FIELD ID. The data dictionary field number of the variable. Data field variables are specified by the data dictionary field number for that variable. For example, a patient's FMP comes from File 8000 (Registration); the data dictionary field number is 3. For a list of all available AD HOC file and Field designations turn to section 7. Computed variables are specified "V" followed by a numeral, e.g., V1, V2. Run-time parameters are specified "T" followed by a numeral, e.g., T1, T2. The Current Date and Current Time are specified by CDT and CTM, respectively. Up to 4 characters are available.

(4) TRANSFORM: FLAG, CODE. Variables can be transformed to another form for selecting, sorting, printing, and computing. Transform information is entered into two fields: TRANSFORM: FLAG and TRANSFORM: CODE. The flag is a single character field that specifies whether the standard data dictionary transform is to be applied on the given variable. If the standard transform is to be suppressed, you must enter "N" in this field. Alternate transforms are specified in the TRANSFORM: CODE field. A special set of standard transfer codes are used to define alternate transforms. A list of these codes and a brief explanation of each are provided in Section 5. Up to 30 characters are available for the TRANSFORM: CODE.

BASIC DATA CHART
Showing Data Common to AQCESS Ad Hoc Screens

SPECIAL DATA ITEMS - SYSTEM VARIABLES

On each of the Report Definition Screens there is a FILE ID and FIELD ID area where the data items for selecting, sorting or printing are specified. There are several types of special data items. They are:

1. Predefined System Variables
2. Run-Time Variables
3. Computed Variables

Predefined System Variables - There are two reserved system variables that are commonly used for computation and printing. These are:

CDT - Current Date
CTM - Current Time

CDT and CTM cannot be used for selection or sort criteria.

Run-Time Variables - AQCESS Reports have associated screens that specify run-time parameters. Run-time parameters allow you to limit your report data output to particular run-time criteria. These run-time parameters, or variables, are normally specified in the selection logic of the report definition. They may also be printed in the report headings.

Each variable on the Run-Time Parameter Screen is represented in the report definition by the letter "T" and a numeral, e.g., T1, T2. Each time a report is run, the run-time variables are specified. Using these variables allows you to define the run-time parameters without having to modify the report definition. For more information turn to Section 3.

Computed Variables - A computed variable is an arithmetic computation of multiple data items within 1 case. Each computed variable is represented by the letter "V" and a numeral, e.g., V1, V2. Whenever a new computed variable is used in selection, sorting, or printing, the Computed Variable Screen will be displayed where the specification for the computation is entered. For more information on computed variables turn to page 1-30 of this section.

AD HOC MAIN MENU

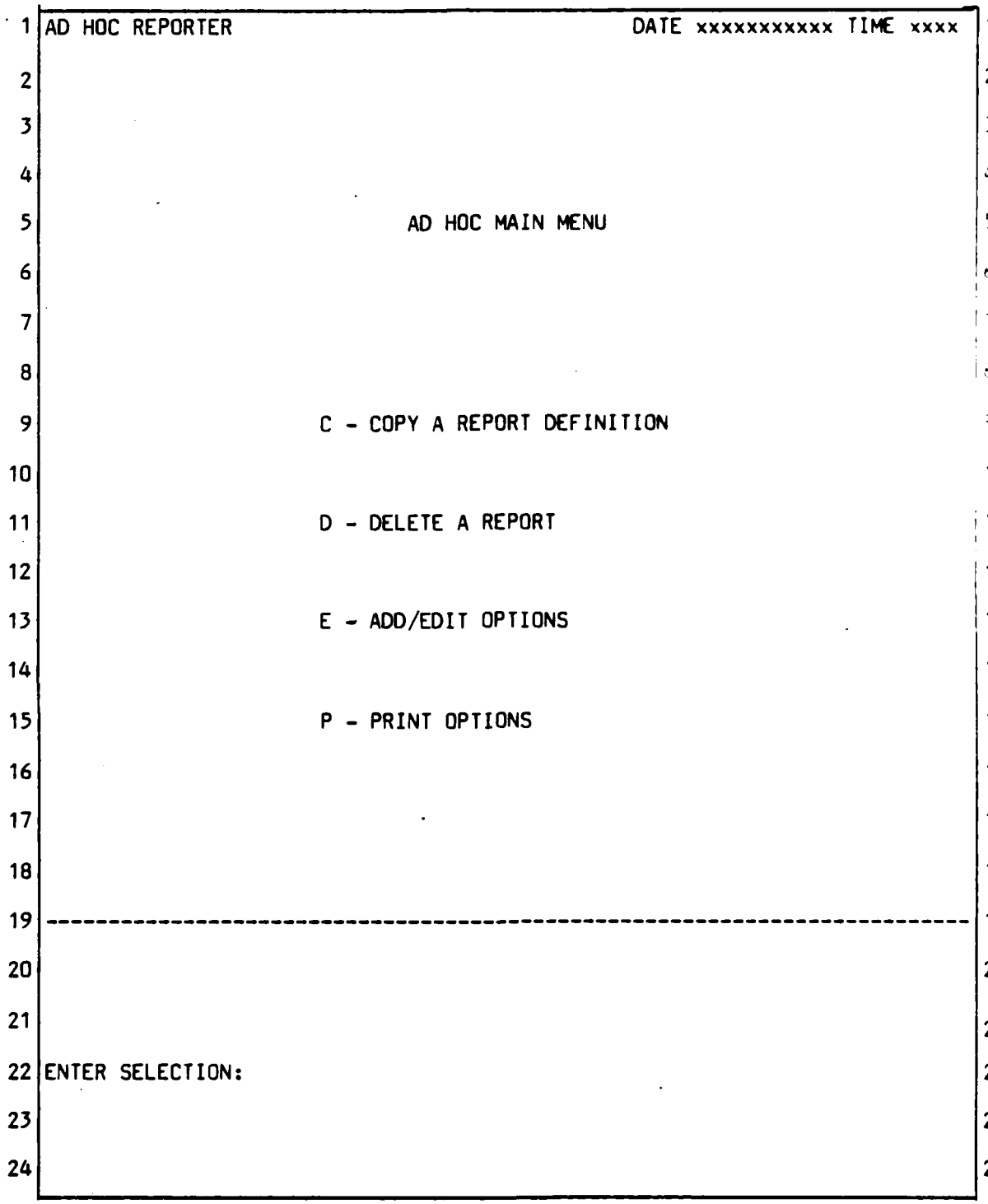
Selecting the Ad Hoc Report Generator option (G) from the User Entry Menu will display the Ad Hoc Main Menu Screen. The four available options are listed. Each is explained separately on the following pages.

C - Copy a Report Definition enables you to copy an existing report definition and picture format to serve as templates for a new report.

D - Delete a Report enables you to delete user-generated reports that are no longer necessary or desired.

E - Add/Edit Options targets a menu listing the options that enable you to define a new report or to edit a copy of an existing report.

P - Print Options targets a menu listing the options that enables you to test run or print a report and its definitions.



AD HOC REPORT GENERATOR MAIN MENU SCREEN

Q171

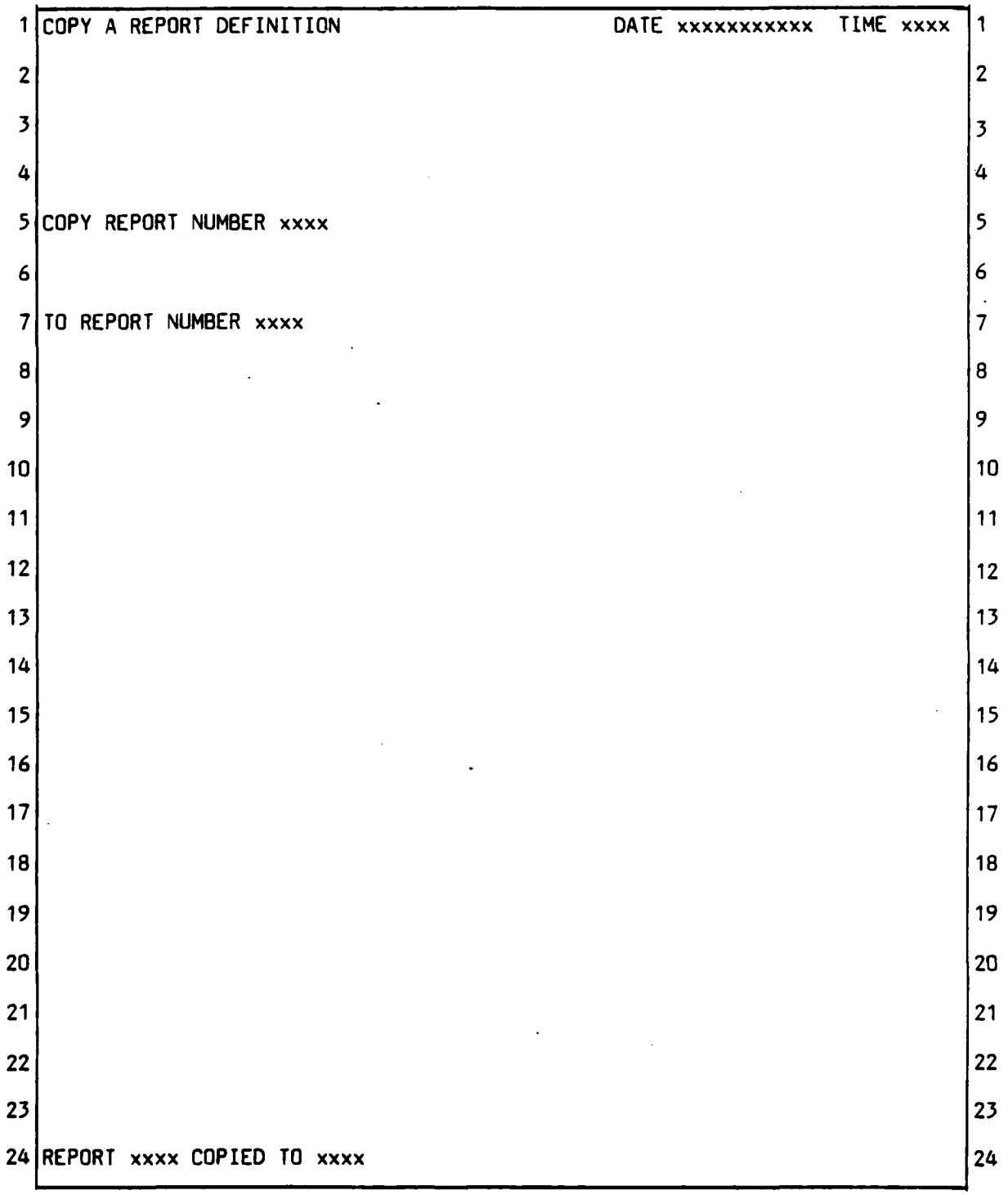
COPY A REPORT DEFINITION

Selecting option (C) from the Ad Hoc Main Menu will access the Copy a Report Definition Screen. This screen is used to copy an existing report definition and picture format. By duplicating an existing report, a copy of a stored AQCESS report can be obtained and subsequently modified to your specifications. Enter the existing report number in the COPY REPORT NUMBER field. Enter the target report number in the TO REPORT NUMBER field. A list of existing report numbers and their corresponding names can be displayed on the screen by pressing HELP. Reports cannot be copied to a number less than 1000. These report numbers are reserved for standard AQCESS reports.

Some standard AQCESS reports are defined by complicated lines of MUMPS code that create temporary system files. The Ad Hoc subsystem does not have the capability to process these reports; therefore, only the following reports will be available to you for copying and subsequent modification.

2 Alpha Roster of Inpatients
6 USI/SI/SC Report
8 Long Term Patient Roster
9 Daily Admissions by Diagnosis
10 Status Out Roster
11 List Current Passwords
14 Roster of Delinquent CR Records
22 UCA Disposition Report
50 QA Problem Audit
51 OS Audit - Emer SVC by Provider
52 OS Audit - Inpatient by Provider
53 OS Suspense List - Emer SVC
54 OS Suspense List - Inpatient
63 Deliquent OS List
64 Credential Pull List
65 Blood Utilization Pull List
67 Incident Summary by Date/Time
68 Provider Profile
80 Insufficient Continuing Education (Provider)
100 MSA Rate Schedule
107 Copying Charges Report
108 DD7A Outpatient Treatment Report
109 DD7 Inpatient Treatment Summary
113 Notify Report
500 Injury Report
501 Clinical Records Returned to A&D
502 Death Report
503 Daily Dispositions by SVC
505 Admission Notification letters (ARMY and AF)
506 Preadmission List
509 Projected Dispositions by AFSC/MOS
510 Disposition Notification Letters (Army Only)

513 Register of Patients
520 Disposition Summary by Name
521 Disposition Summary by Reg. No.
522 Admission Summary by Name
523 Admission Summary by Reg. No.
525 UCA Disposition Summary Report
530 Admission Notification Letters (Navy)
890 Report Example 1
891 Report Example 2
892 Report Example 3

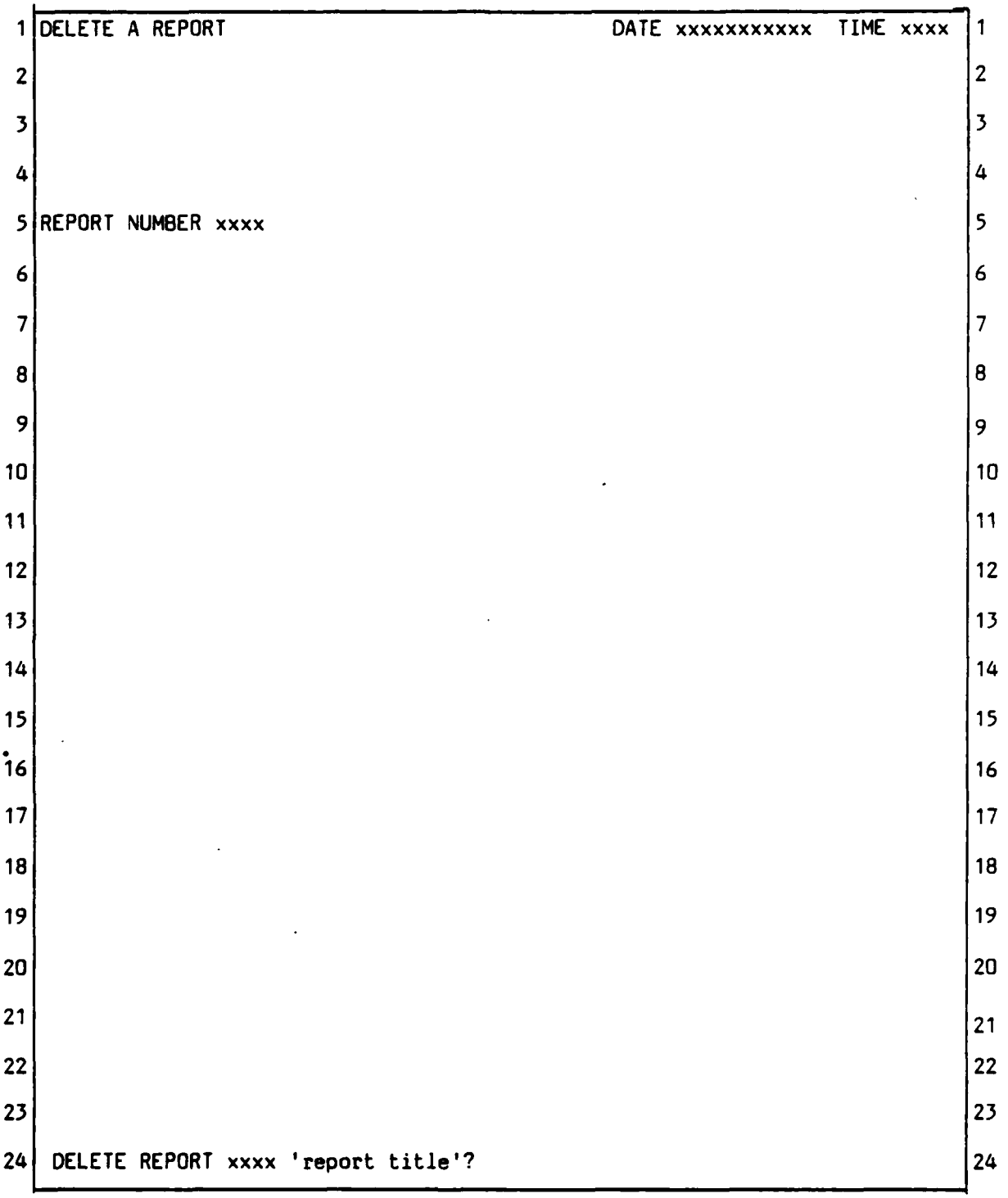


AD HOC - COPY A REPORT DEFINITION SCREEN

Q171

DELETE A REPORT

By Selecting option (D) from the Ad Hoc Main Menu you will access the Delete a Report Screen. This screen is used to delete an existing report definition and picture format. Deletion of a report will also remove the corresponding MUMPS routines from the application library. Input the number of the report to be deleted. The action is confirmed by entering "Y". Reports numbered less than 1000 cannot be deleted. Only those reports created or modified using the AD HOC subfunction are available in this option.



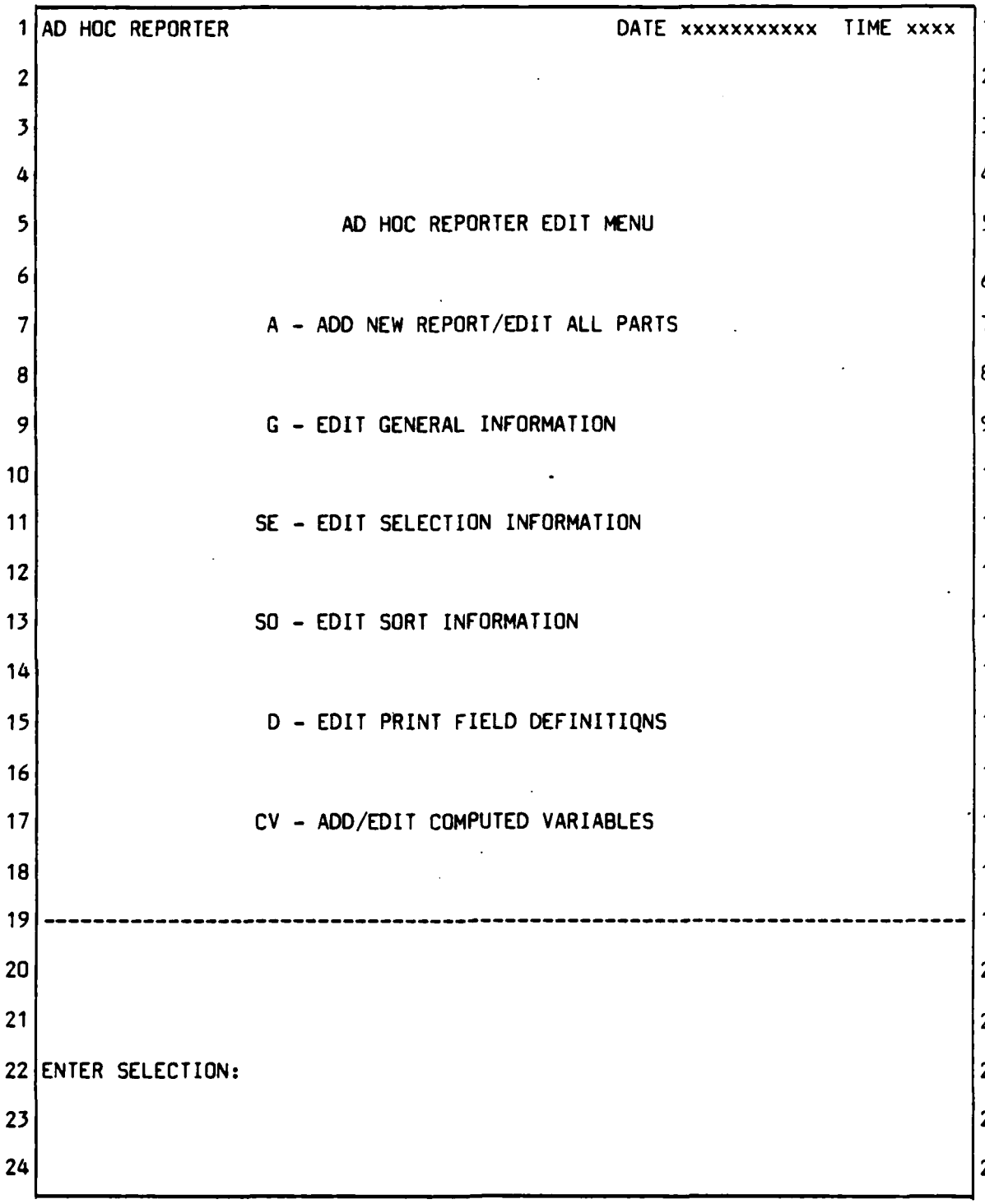
AD HOC - DELETE A REPORT SCREEN

Q171

EDIT OPTIONS MENU

Selecting option (E) from the Ad Hoc Main Menu will display the Ad Hoc Edit Options Menu Screen. This menu lists the editing options that enable you to create a new report or update an existing report picture and definition. Six editing options are available. Each is explained separately on the following pages.

The report definition screens are presented in the following order: General Information, Selection Criteria, and Sort. Once the report definition is complete, the report picture format can be 'painted'. The report definition screens may be accessed in a consecutive manner, i.e., without returning to the Edit Options Menu, by selecting the Add New Report/Edit All Parts, option "A". Alternatively, you may wish to modify only one section of the report definition. The target screen may be accessed by choosing the appropriate option from the Edit Options Menu. For example, if you only want to edit the selection information for a particular report, you would choose option SE, Edit Selection Information. All options prompt for a report number before accessing the target screen. For all but the Add New Report/ Edit All Parts option, the report definition must previously have been defined. You can press Help for a list of existing report numbers and the corresponding report names. You cannot add or edit reports numbered less than 1000.



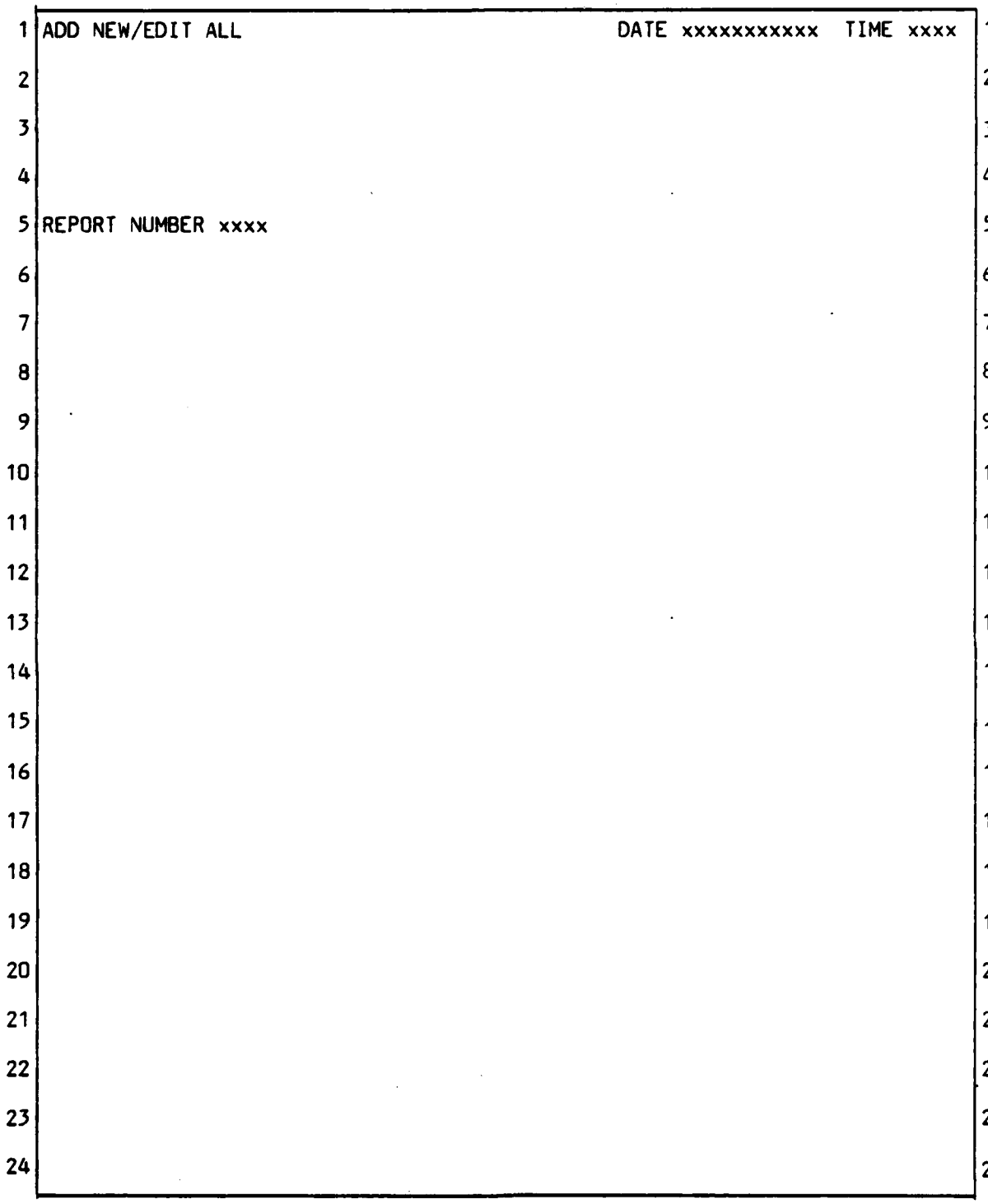
AD HOC EDIT OPTIONS MENU SCREEN

Q171

ADD NEW REPORT/EDIT ALL PARTS

Selecting option (A) from the Edit Options Menu will display the Add New/Edit All Screen. By entering the report number on this screen, you identify the report to be added or changed through this option. This option allows you to access the General, Selection, Sort Information Screens, and the Report Picture Screen in a consecutive manner. The report picture format can be modified only through this option. To store a new report, you must define all report definition screens and at least one detail line on the report picture format.

Reports numbered less than 1000 cannot be created or modified. If the report number entered is not an existing report, the system will prompt you to confirm by entering "y" that a new report is being created.



AD HOC EDIT - ADD NEW/EDIT ALL SCREEN

EDIT GENERAL INFORMATION

Selecting option (G) from the Edit Options Menu or identifying the report number through the Add New/Edit All Screen will display the General Information Screen. This screen is used to specify information regarding the report as a whole.

(1) REPORT NAME. The user-specified report name that will identify the report in the Help index and in the left hand corner of all associated report definition screens. Report names can be between 3 and 56 characters in length.**

(2) BLANK LINES BETWEEN SETS. Specifies the number of blank lines between detail sets on the printed report. You can request up to 9 blank lines.

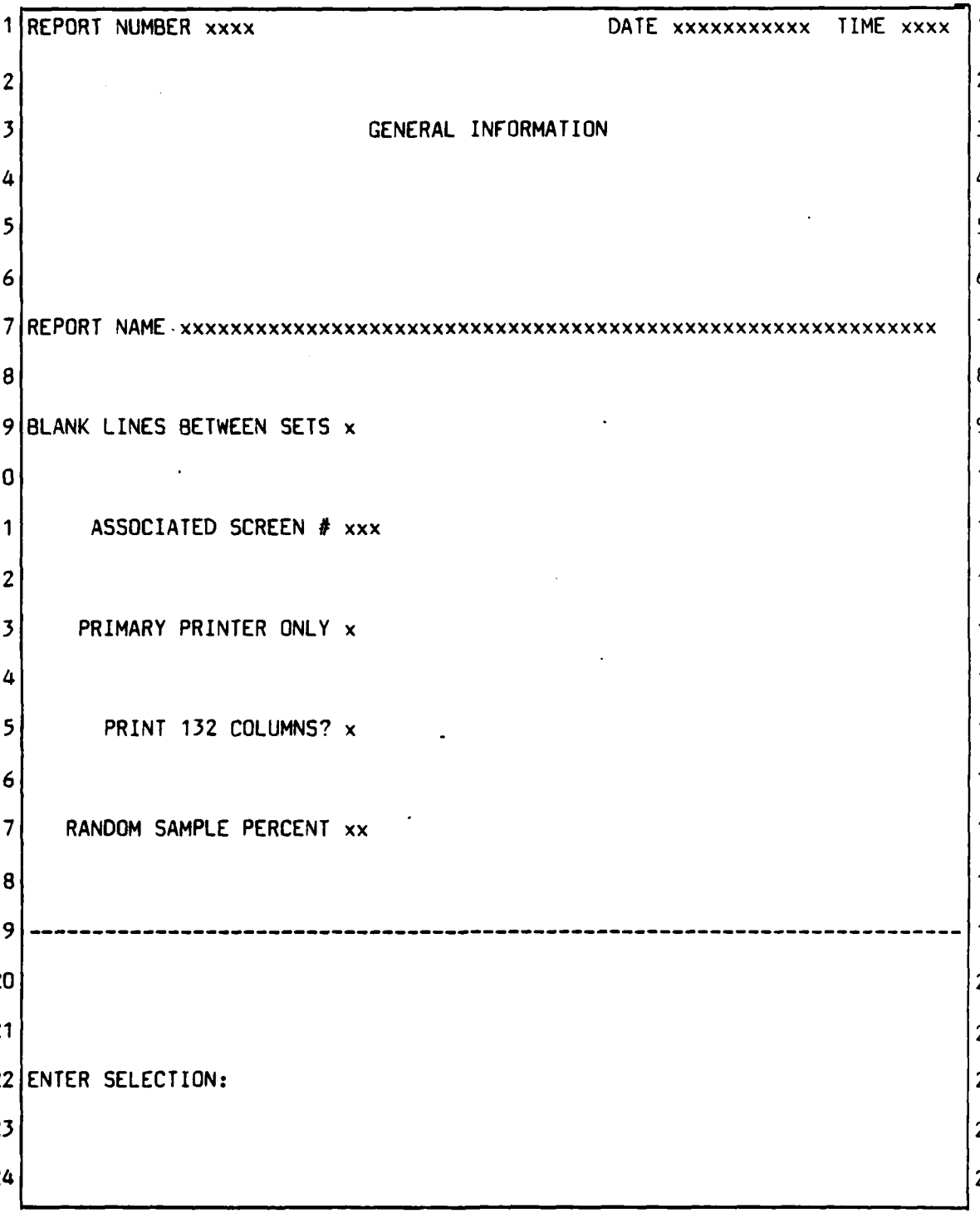
(3) ASSOCIATED SCREEN. The number of the screen that specifies the report's run-time parameters. The chosen run-time parameter screen will display for input when you run the report. For more detailed information and copies of all run-time parameter screens turn to Section 3. Up to 3 characters are available.**

(4) PRIMARY PRINTER ONLY. A 1 character flag that limits output to a specified printer. The output will not be available for redirection if the primary printer is busy.

(5) PRINT 132 COLUMNS? Users have a choice of an 80 or 132 column width for a report. By typing "Y", a width of 132 columns is selected; the terminal attribute for compressed characters will be activated during the 'picture format' phase of the report and when the report is displayed on the terminal. The choice of the greater width will not be allowed if the terminal being used does not have the 132 column capability. A report defined as 132 columns wide cannot be selected for editing if you are at a terminal lacking the 132 column capability. You can change an 80 column report to include 132 columns, but you cannot compress a 132 column to be an 80 column report.

(6) RANDOM SAMPLE PERCENT. Can be used with or without other selection logic to randomly display a percentage of the selected data population. You can display 1 to 99 percent of the selected data.

DATA CHART - GENERAL INFORMATION SCREEN



AD HOC EDIT - GENERAL INFORMATION SCREEN

EDIT SELECTION INFORMATION

Selecting option (SE) from the Edit Options Menu or completing the General Information Screen for a new report will display the Selection Information Screen. This screen is used to enter or update the report selection criteria.

The selection criteria for an AD HOC report determines the content of the report. This selection criteria is composed of the File ID, Field ID, and a low logic value.

Many reports are defined using more than one select criteria creating a compound logic statement. This compound logic statement is composed of multiple select criteria connected by the Boolean operator "AND" or "OR". The logical operator AND is always implied in Ad Hoc unless OR is specified. When a series of AND operators are used in a logic statement, the content of the report will include all information that meets every select criteria defined. Each simple statement will be evaluated at the highest level in the file where data is available. The first false condition stops further processing of the candidate record. Records evaluated by OR expressions will be selected if any one of the selection criteria conditions is met.

Selection statements that use a cross reference field should be entered first in a compound logical expression. Data fields that can be used for cross referencing are those listed in Section 7 of this guide, pages v and vi, on the right side of the file boxes. The RECORD STATUS FLAG is a cross reference field for the admission, clinical records, and MSA subfiles allowing for rapid access to the records of a given status. By specifying a particular status at the beginning of the selection statement, the user reduces the number of records the system must read during the selection process. For a more detailed explanation turn to Section 7.

When the Report Selection Information Screen is displayed, the cursor is positioned at the ENTER SELECTION prompt. You may enter "ALL" to add or change all the selection criteria or #___ to edit a specific line of selection logic. When creating a new report, the cursor is positioned at the first left parentheses field. You may enter up to three parentheses to further define your selection criteria.

For each selection criteria, enter the parenthesis if needed, the data dictionary file and field number of the select criteria, logic values and the logic operators. Transform information may be entered for each selection criteria. With the Selection Information Screen sub-menu option (1) - MOVE CRITERIA, the screen displays the message "MOVE ENTRY #___ BEFORE #___". Enter the appropriate sequence numbers to rearrange the order. The option (2) - DELETE CRITERIA allows the deletion of a line of selection data from the screen.

You may enter a total of eight lines of selection information. The first selection criteria establishes the primary file. The Report Selection Information Screen can display four lines of selection information per page. To view subsequent selection criteria, select submenu option (3) - CRITERIA 5-8. Option (3) on the Report Selection Information Screen 2 returns to Screen 1.

(1) PARENS. Compound logical expressions may require parentheses for proper evaluation of left to right AND/OR expressions. If necessary, the left parenthesis, (, is entered under this screen label. A maximum of three parentheses are allowed in this field.

(2) FILE ID. The file number for the field of the selection variable. Enter the file number as explained in the Basic Data Chart. This information must be input for each of the selection criteria.** For all available AD HOC files turn to Section 7.

(3) FIELD ID. The field number of the selection variable. Computed variables, run-time parameters, Current Date and Current Time variables are not allowed under the selection criteria screen label.**

(4) LOGIC LOW.**(5) LOGIC HIGH. The logical expression. Logical operators include:

EQ - equal to	**LE** - less than or equal to
NE - not equal to	**GT** - greater than
LT - less than	**GE** - greater than or equal to

If a range is specified, enter the 'low' part of the expression first, a logical operator, and the 'high' part of the expression. The only valid entries for the high logic field are LE and LT. The field can only be used when you specify either GE or GT in the low logic field. The operators may be followed by a constant (e.g., EQ 100), a literal in double quotes (e.g., EQ "SMITH"), a computed variable (e.g., V1,V2), a run-time parameter (e.g., T1, T2), the Current Date or Current Time variable (e.g., CDT, CTM). A total of 28 characters are possible for the logic statement.**

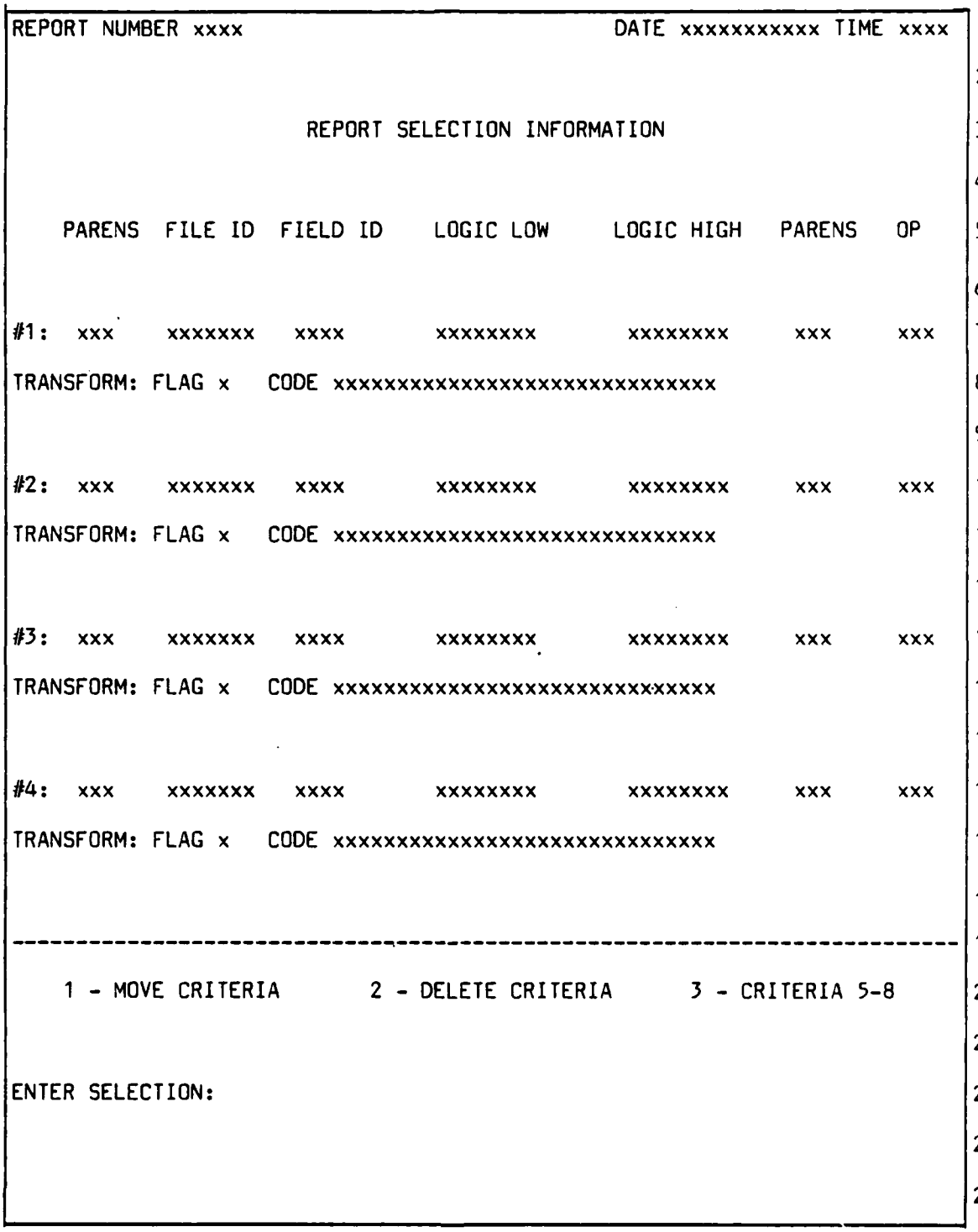
(5) PARENS. If necessary, the right parenthesis,), is entered under this screen label for proper evaluation of left to right and/or expressions. A maximum of three parentheses are allowed in this field.

(6) OP. The logical operator, "AND" or "OR". If unspecified, "AND" is implied.

(7) TRANSFORM: FLAG. Enter "N" if you do not want to select using the system defined output transform. If an entry is not made, the standard Data Dictionary transform to the selection criteria will be applied. For further explanation see Section 5.

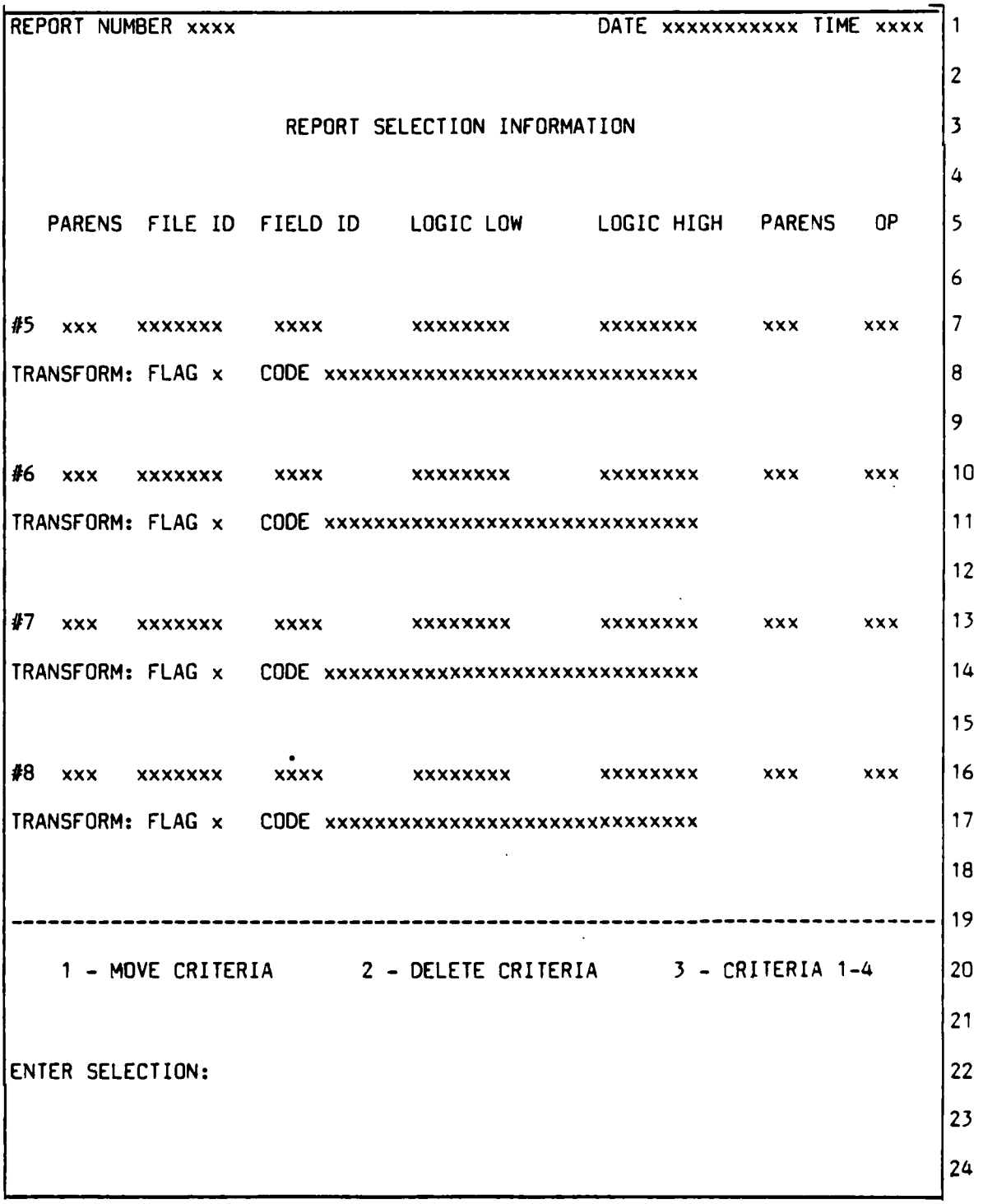
(8) TRANSFORM: CODE. If you wish an alternate transform to be performed other than the standard Data Dictionary one, enter the transform Code for the specified transform. For a list of all transform codes press Help or go to Section 5 of this manual.

DATA CHART. AD HOC EDIT - REPORT SELECTION INFORMATION



AD HOC EDIT - REPORT SELECTION INFORMATION SCREEN 1

Q171



AD HOC EDIT - REPORT SELECTION INFORMATION SCREEN 2

Q171

EDIT SORT INFORMATION

Selecting option (SO) from the Edit Options Menu or completing the Selection Information Screen for a new report will display the Sort Information Screen. This screen is used to specify the sort criteria for the report definition. By defining your sort criteria you are specifying how you want your select criteria to be organized.

The report generator allows five levels of sorts. At least one level of sort information must be defined. If you do not specify any selection criteria, the primary sort establishes the primary file; the four secondary sorts may be on variables from the primary file or from any associated file that is related to the primary file.

When specifying the sort information for a new report, the cursor will be positioned at the first field on the screen. For an existing definition, the cursor will be positioned at the ENTER SELECTION prompt. You enter "ALL" to change all fields or #___ to edit one line of sort criteria.

For each sort level, enter the data dictionary file and field numbers of the sort variable. You can specify that a control break at a sort level should cause a new page. Transform information may be entered for each sort variable.

The Report Sort Information Screen includes a sub-menu. With the sub-menu option (1) - MOVE CRITERIA, the screen displays the message "MOVE ENTRY# ___ BEFORE #___". Enter the appropriate sequence numbers to rearrange the order. The option (2) - DELETE CRITERIA allows deletion of a line of sort criteria from the screen.

When creating a new report you must complete the Sort Information Screen to access the Report Picture Screen. For a new report, this screen will be blank. See Section 2 of this guide for instructions on how to "paint" a report picture format.

(1) FILE ID. The data dictionary file number for the specified sort variable. See Section 7.

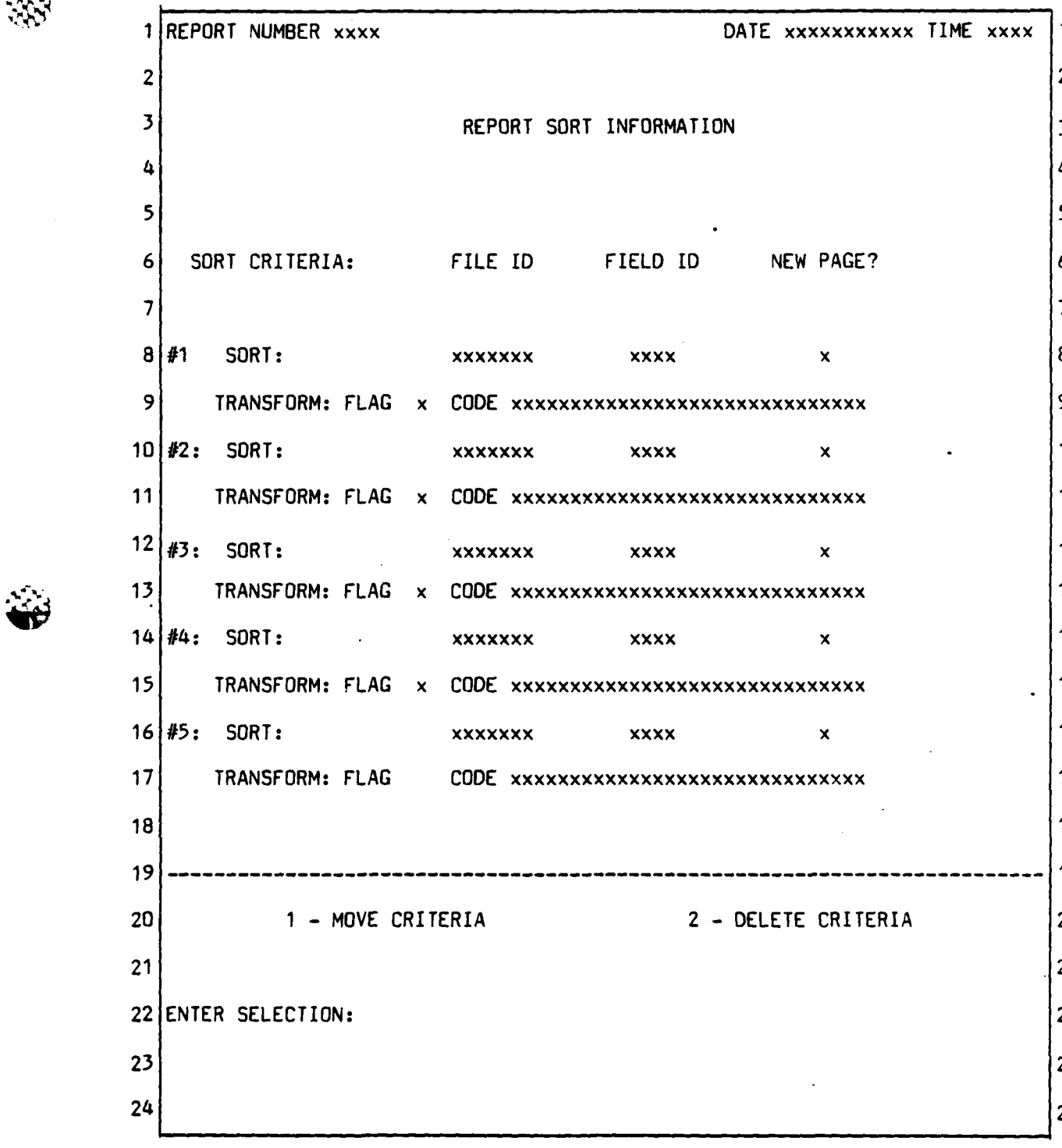
(2) FIELD ID. The data dictionary field number for the specified sort variable. See Section 7.

(3) NEW PAGE? Enter a "Y" if you would like a new page each time the sort changes.

(4) TRANSFORM: FLAG. Enter "N" if you do not want to sort using the system-defined output transform. If an entry is not made, the standard data dictionary transform to the sort criteria will be applied.

(5) TRANSFORM: CODE. If you wish an alternate transform to be performed on the sort criteria other than the standard data dictionary one, enter the transform codes, press HELP or go to Section 5 of this manual.

DATA CHART. AD HOC EDIT - REPORT SORT INFORMATION



AD HOC EDIT - REPORT SORT INFORMATION SCREEN

Q171

EDIT PRINT-FIELD DEFINITIONS

Selecting the Edit Print-Field Definition option (D) for an existing report will display the corresponding report picture format. A report picture accessed through this option cannot be modified. This option only enables you to change the print-field definitions. If you wish to update the report picture, you must first choose the *Add New Report/Edit All Parts option from the* Ad Hoc Edit Menu and page through the other Edit Menu screens until the Report Picture Screen is accessed. The system will then be in the 'edit' mode and you are free to alter the report picture. See Section 2 of this guide for instructions on how to 'paint' a report picture format. On completing the report picture, press the Entry Done key to exit the 'edit' mode.

Once the report picture has been painted, the system must process the report definition. Each data item in the report picture definition has an associated set of field specifications. Some items of the specifications are calculated based on the report picture. These include the position of the print field, length of the print field, etc; others must be specified by the user. If you are defining a new report, the system will position the cursor at each report field. Enter a "+" or ALL to enter the appropriate specifications. The Print-Field Definition Screen *will be displayed on the lower five lines of the* Report Picture Screen.

If you are updating an existing report, the system will attempt to associate the appropriate specifications from the old definition with each field on the updated report. Associations will be attempted between fields of the same section type, i.e., between header, detail, summary, or trailer lines. Field associations are performed in the following way:

a. If the field has a label and there is an old field with the same screen label, those specifications are automatically associated with the field on the updated report definition.

b. If there is no label (as with many print-fields of a report), the system sequentially (left to right), assigns old specifications with no labels to fields of the updated report that are missing a label. Therefore, if you add a new field in the middle of the print line, all the following specifications will require correction.

Any new fields that were not matched will be flagged as incomplete. The system will position the cursor at the beginning of each field with incomplete specifications and will display a message requesting user input. To help you match the correct previous specifications with the correct field on the updated report, use HELP in the first character position of each report field. A complete list of the old specifications will be displayed and you may choose by number which is to be associated with the current field. If you choose one of the old specifications, it will be assigned to the new field. You may enter "ALL" to specify the field if it does not correspond to an old specification.

After you have specified all incomplete or new fields, a message will be displayed: "CHANGE FIELD DESCRIPTION:". If you wish to edit existing specifications, enter a "+" or ALL and the cursor will be positioned at each report item in order as they appear on the screen. Rather than using "+" or ALL, you can enter all or part of the field description you wish to edit. Press Return to move the cursor to the next data field or enter "+" or ALL on the first 'x' to modify the field specification.

(1) DESCRIPTION. Description of the report field or label preceding the field. If you leave this field blank by pressing return, then enter the FILE ID and FIELD ID. The Standard Data Dictionary Description for this field will default. 30 characters are available.

(2) FILE ID. The data dictionary file number for this report field. The file number is entered as described in the Basic Data Chart. For a list of all File IDs see Section 7.

(3) FIELD ID. The field number of the variable to be printed. The number is entered as described in the Basic Data Chart. For all files and associated field numbers see Section 7.

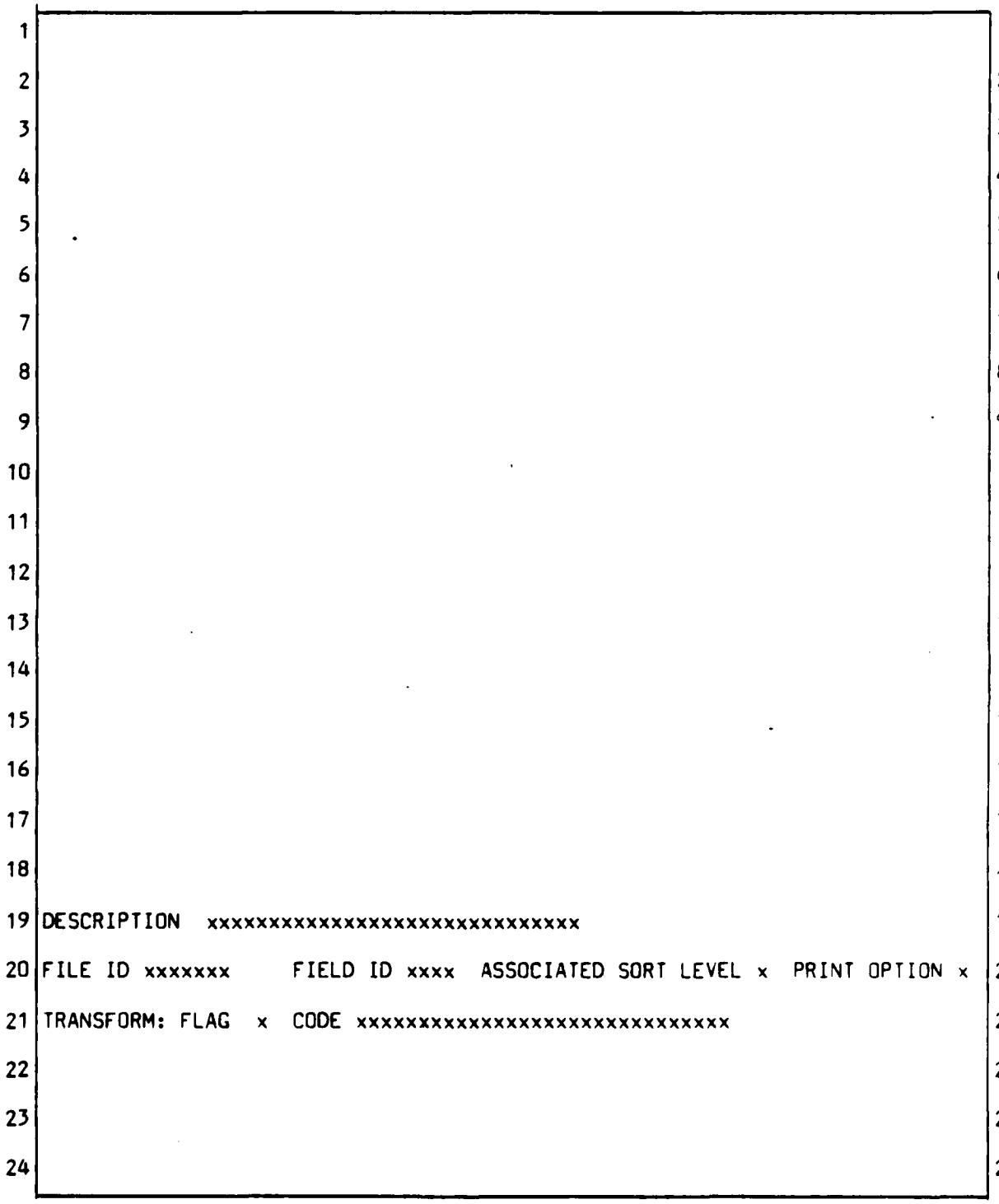
(4) ASSOCIATED SORT LEVEL. Used to cause conditional printing. The associated sort level is the sort number (1-5 from the Sort Information Screen) with which the field is associated. All fields on a line must be set to the same sort level or be set to none at all. For example, if set to 1, the field (and all fields on that detail line) will print only when the first sort level index changes. The detail lines must be defined in ascending order, from sort level 1 to the highest level defined (e.g., sort level 5). Lines that are unconditionally printed (i.e., no sort level) must be defined last. Variable fields in header lines must be associated with a sort level.

(5) PRINT OPTION. Enter 'C' or 'R' to specify center or right justification of the data item within the specified print area. Enter 'N' to suppress space filling the field if it is less than maximum length. 'N' will cause all fields following on the line to be shifted accordingly.

(6) TRANSFORM: FLAG. Printed variables will be transformed using the data dictionary defined output transform, if one exists, unless otherwise specified. If an output transform is defined and you do not wish the transform to be performed, enter 'N' in the transform flag.

(7) TRANSFORM: CODE. If you wish an alternate transform to be performed, enter the transform information as described in the Basic Data Chart. For a list of all available Transform Codes, press HELP or go to Section 5 of this manual.

DATA CHART. PRINT-FIELD DEFINITIONS



AD HOC EDIT - PRINT-FIELD DEFINITION SCREEN

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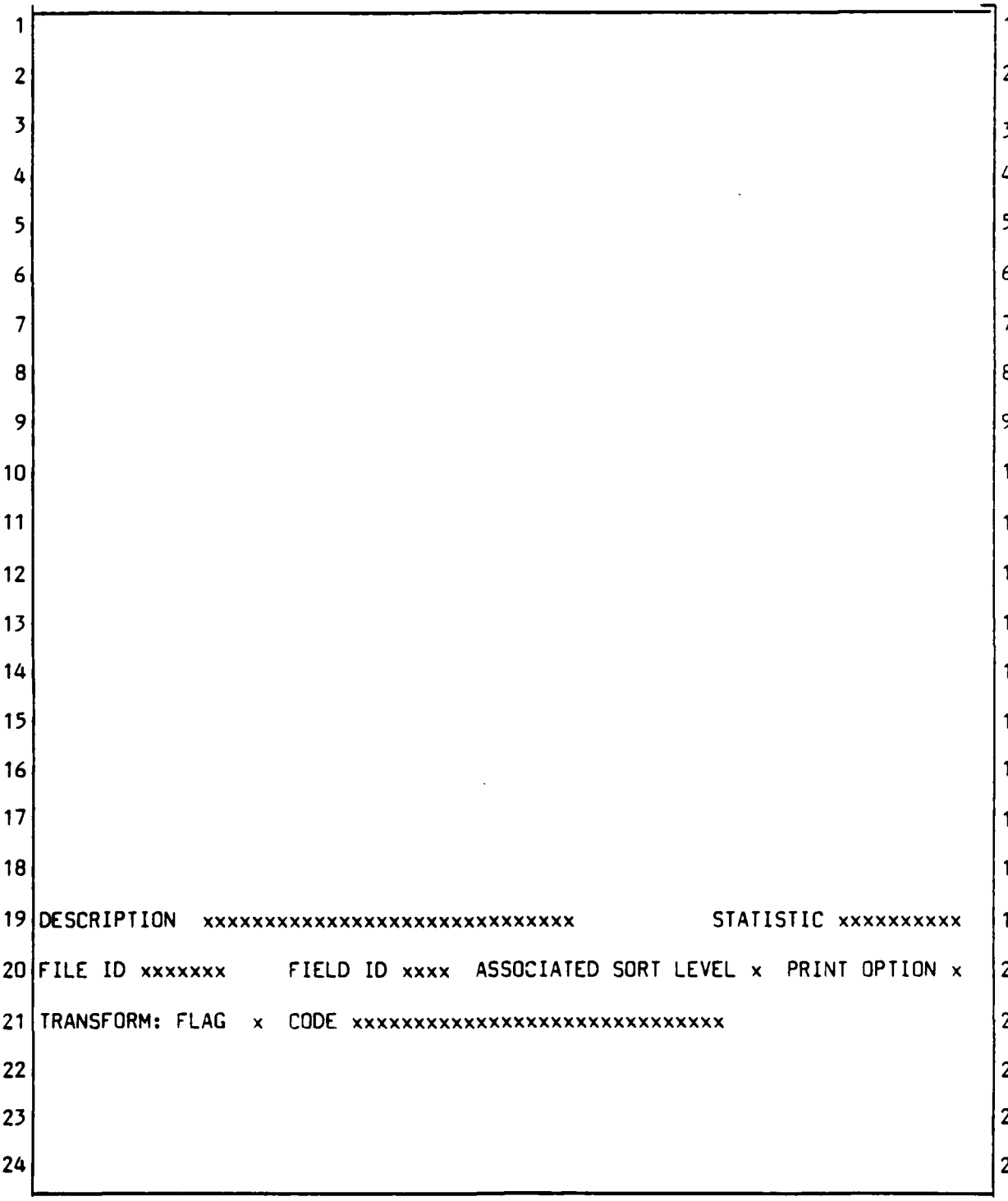
Summary Lines

The Summary Line Print-Field Definition Screen is displayed when you request to add or modify a print-field description of a summary line. With the exception of the item STATISTIC, the screen is identical to the Print-Field Definition Screen. STATISTIC is used to specify that a field is for a total or a subtotal. Four types of statistics are available through the Report Generator: **SUM, CNT** (count), **MEAN** (average), and **STD DEV** (standard deviation). CNT may be used with any field type. The remaining operations may be performed only with numeric fields and computed variables.

When defining fields on summary lines, the ASSOCIATED SORT LEVEL field is used to cause the printing of subtotals. If you set the field to 1, that field, and all fields on that line, will print as a subtotal when the first sort level index changes. A blank sort level signifies a grand total. Summary lines must be defined in descending order, from the highest level defined (e.g., sort level 5) to sort level 1. Grand total lines must be defined last.



AD HOC EDIT - SUMMARY LINE PRINT-FIELD DEFINITION SCREEN

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ADD/EDIT COMPUTED VARIABLES

Selecting option (CV) from the Edit Options Menu will display the Computed Variables Screen. A computed variable is a combination, either arithmetic or concatenated, of multiple data items of a single patient episode. Computed variables are treated like any other data item; they can be used for selecting, sorting, or printing.

When the Add/Edit Computed Variables option is selected, you will be asked to identify the variable being added or changed. Help will list all variables currently defined for the report specified. Once you select a variable, the Computed Variables Screen is displayed. After editing, the system will prompt you for another variable. This loop will continue until no variable is entered. A total of 99 computed variables are available for each report.

The Computed Variables Screen is immediately displayed when such variables are entered in the Selection and Sort screens. The screen will display for each computed variable entered on a Print-Field Definition Screen after all print-fields have been specified to your satisfaction. A computed variable can be used in the computation of other computed variables. For example, if you have defined the first computed variable (V1) and also the second (V2), you could define the third computed variable (V3) as V1 - V2. If a computed variable is specified as part of another, you will be responsible for entering the information for the variable being used if it has not been previously defined. You can also define a computed variable using the special data fields of CDT, CTM, T1, T2, etc.

The Computed Variables Screen allows for the definition of a single computed variable, the name of which is displayed at the top of the screen.

When you are defining a computed variable you must remember that all arithmetic calculations can only be done on numeric fields. You cannot add a patient's name and his/her social security number. It is possible to concatenate or link together variables such as social security number and date of birth. It is just that no calculations are done on those fields. As with other screens in AQCESS Ad Hoc, you will define the fields that are used in the computed variables by indicating File ID and Field ID numbers.

On the computed variable screen is a new field, Default. A default value must be defined for any field that may be null or empty. For instance, you define the first line of the computed variable statement to be days on BO status. It is possible to have a current inpatient who has never been bed occupied. So, if you do not put a default value of "0" in the default field the system will not know what to calculate when the system accesses that record. You can enter a default file ID and field ID number or a literal such as "0".

Defining a computed variable statement is similar to defining a select statement. Except here, you use arithmetic operators of add (+), subtract (-), multiply (x), divide (/), integer division (\) and concatenation (_) instead of the logic operators. You would also use parentheses in the same manner of the select screen, to alter the normal left to right evaluations.

On the computed variable screen there are two places for transforms. The first is on the specific file and field definition on a single computed variable line. The second is at the top of the screen. The second transform will be performed on the variable after all lines of computation are completed.

The computed Variables Screen displays four parts at one time. Up to eight parts per computed variable can be specified. The submenu options perform the same actions as those offered on the Selection Information Screen.

(1) VARIABLE. The computed variable Vn (e.g., V1, V2...)

(2) DESCRIPTION. Enter your description of the computed variable. Up to 30 characters are available.**

(3) FINAL TRANSFORM. Final transform after the variable is computed. The user enters the transform code as described in the Basic Data Chart. A transform flag is not entered on final transforms. For a list of available transforms, press HELP, or go to Section 5 in this manual.

(4) PARENS. Enter the necessary left parenthesis ,(, for the arithmetic expression. A maximum of three parentheses can be entered.

(5) FILE ID. The data dictionary file number of the variable to be used in the computation. See Section 7.

(6) FIELD ID. The field number of the computation variable. The FIELD ID is entered as described in the Basic Data Chart. You may specify a computed variable as part of the computational expression of another computed variable only if it has a lower variable number, i.e., V1 can be used in the computational expression for V2 but not vice versa.** For Field ID numbers see Section 7.

(7) DEFAULT. Default value if no data exists. The default screen label is composed of a FILE ID and FIELD ID. Literals can be used in place of a field.

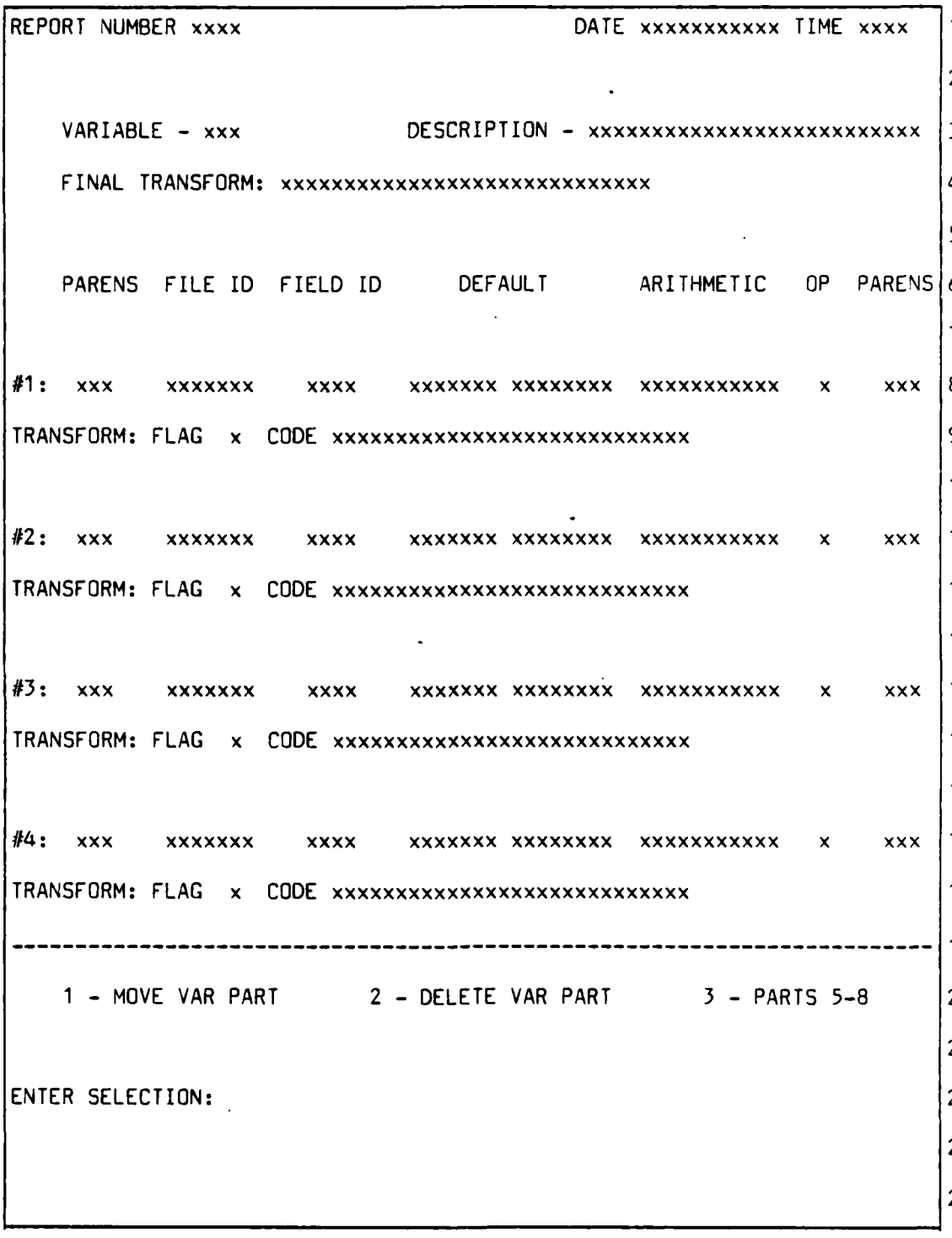
(8) ARITHMETIC. Enter any constant arithmetic that is to be performed on the computation variable. The arithmetic must start with a valid operator and alternate between an operator and a number. For example, +5 or +1/100. To determine valid operators, press HELP.

(9) OP. Enter the arithmetic operator. There must be one and only one arithmetic operator in each OP field of the computational expression except the last. The last OP field must be blank. Valid arithmetic operators are "+" for addition, "-" for subtraction, "X" for multiplication, "/" for division, " " for integer division, and "__" for concatenation.

(10) PARENS. If necessary, enter the right parenthesis,). A maximum of three parentheses can be entered.

(11) TRANSFORM. The transform to be performed on this variable before the arithmetic computation takes place. Enter the transform flag and code as described in the Basic Data Chart. For more information go to Section 5 of this manual.

DATA CHART - COMPUTED VARIABLES SCREEN



AD HOC EDIT - COMPUTED VARIABLES SCREEN 1

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```
REPORT NUMBER xxxx                                    DATE xxxxxxxxxx  TIME xxxx

    VARIABLE - xxx          DESCRIPTION - xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
    FINAL TRANSFORM: xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

    PARENS  FILE ID  FIELD ID      DEFAULT       ARITHMETIC   OP  PARENS

#5:  xxx    xxxxxxx    xxxx    xxxxxxx xxxxxxxx  xxxxxxxxxxxx  x    xxx
TRANSFORM: FLAG  x  CODE xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

#6:  xxx    xxxxxxx    xxxx    xxxxxxx xxxxxxxx  xxxxxxxxxxxx  x    xxx
TRANSFORM: FLAG  x  CODE xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

.

#7:  xxx    xxxxxxx    xxxx    xxxxxxx xxxxxxxx  xxxxxxxxxxxx  x    xxx
TRANSFORM: FLAG  x  CODE xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx

#8:  xxx    xxxxxxx    xxxx    xxxxxxx xxxxxxxx  xxxxxxxxxxxx  x    xxx
TRANSFORM: FLAG  x  CODE xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
-------------------------------------------------------------------------------
    1 - MOVE VAR PART       2 - DELETE VAR PART       3 - PARTS 1-4

ENTER SELECTION:
```

AD HOC EDIT - COMPUTED VARIABLES SCREEN 2

Q171

PRINT OPTIONS MENU

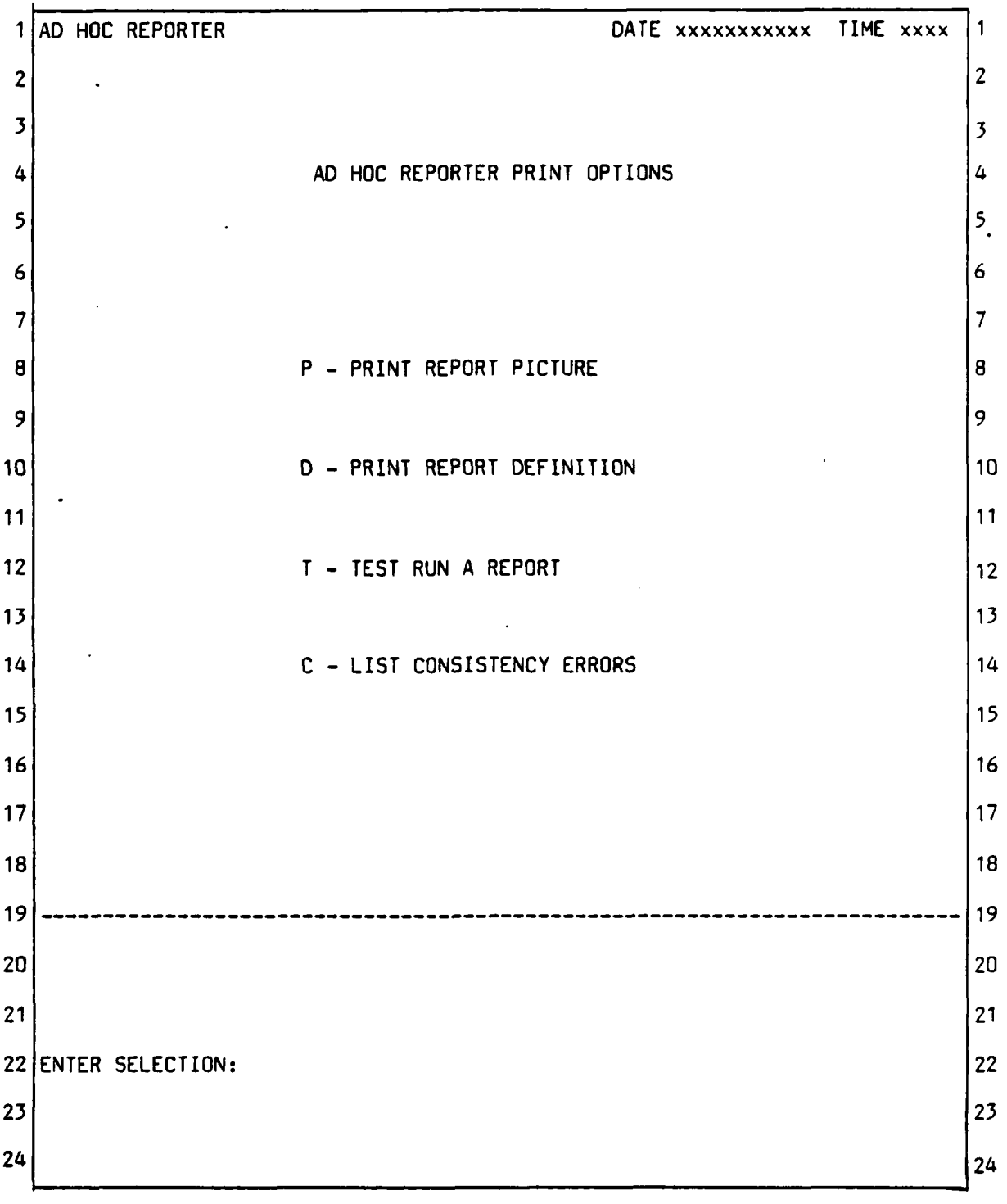
Selecting option (P) from the Ad Hoc Main Menu will display the Ad Hoc Print Options Menu Screen. The four available options are listed. Each is explained below. Execution of any of the available actions will first require identification of the report in question. Enter the report number. The Help key may be pressed to list the existing reports.

P - Print a Report Picture enables you to print a copy of an existing report's picture format. The picture generated represents one page of the report format.

D - Print Report Definition enables you to print the internal definition of an existing report. The report definition of those reports numbered less than 1000 are unavailable for printing.

T - Test Run a Report provides you with the opportunity to test run your report prior to adding it to one of the AQCESS report menus. Once the report has been identified by its report number, the associated screen for that report will display. Enter the run-time parameters. The report can be printed or simply displayed on your terminal screen. You can run only those reports which access files authorized by your user ID.

C - List Consistency Errors itemizes errors that were found by the system when you filed any additions or modifications made to the specified report. The list includes the location of an error, a brief message, and the field value. Details on these error messages are provided in Section 4 of this guide. The Help key may be pressed at the report number field for a list of those reports containing consistency errors.



AD HOC PRINT OPTIONS MENU SCREEN

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SECTION 2

AD HOC REPORT FORMATTING

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INTRODUCTION TO SECTION 2

There are no standard outputs for the Ad Hoc Report Generator subsystem. All outputs are generated as specified by the user's report definition and picture. The content of a report is defined by the selection criteria while the order in which the selected information is arranged is controlled through the sort option. The actual physical representation of the selected and sorted information is specified through the report picture. The following pages detail how to 'paint' a report picture format.

REPORT PICTURE SCREEN

When creating a new report picture, the system is in an 'edit' mode. You can move the cursor around the screen to create or change the report format. Cursor control is achieved by pressing the arrows or the control key (Ctrl) and an alpha character. Available control sequences are listed on the following page. You may press the Help key at any time while in the edit mode to review this list of control sequences.

The 'queue' mentioned in the Control A, Ctrl I, Ctrl J, and Ctrl K sequences is a holding area for text lines. You can place lines in the queue to save them, move the cursor to a new position on the screen, and insert the stored lines at this new location (i.e, cut and paste).

All report headings and subheadings are denoted in upper case letters, numbers, and special characters. Certain lower case letters are reserved for special use; all other lower case letters are invalid. Special lower case letters are used to specify the "sections" of a report picture: header, detail, summary, and trailer lines. The 'h' character is entered on the first position of each header line. When you are initially entering a report picture, you may place an 'h' on the last (lowest on page) header line. The system will insert 'h' in the first character position of each previous line on the screen containing header information. If you desire to display footer information, enter a 't' in the first position of the trailer line. The positioning of the trailer in the report picture may occur at any location below the detail lines. Detail lines are those that contain data for the picture and do not have an 'h', 's', or 't' in the first position. Summary lines, denoted by 's' in the first character position, are special detail lines that are used to specify the print areas for vertical tabulations. Summary lines are positioned between detail and trailer lines.

The page number field is a special field and is denoted by the 'p' character (the number of p's indicates the length of the field). Fixed fields are constants printed on every page of the report. They are denoted by the 'f' character on the edit screen. The data area for each variable field to be printed on the report is denoted by a string of 'x' characters. The number of 'x' or 'f' characters denotes the length of the printed field. If the length of the printed field is less than the length of the data, the data will be truncated for printing. When defining a variable print area, you may enter a number (up to 79 or 131, depending on the specified report width) followed immediately by a single 'x' or 'f'. The system will interpret this specification and display the print area back as a string of repeating characters of the requested length.

When the report picture is complete, press the Entry Done key to exit the edit mode. The system will then prompt you to define the print field specifications. The report layout must contain at least one variable (x type) field on either a detail or summary line before the system will allow you to exit. If the Cancel key is pressed at any point in the edit mode, the system will ignore all changes and return to the report identification screen.

KEY	ACTION
the 'arrows'	Move cursor up, down, right or left.
Cancel	Ignores all report modifications and returns to the REPORT NUMBER prompt.
Delete	Moves cursor one space to the left and deletes whichever letter occupied that space. Shifts characters to the right of the cursor one space left.
Entry Done	Terminates 'edit' mode.
Return	Inserts a blank line.

AD HOC EDIT - FUNCTION KEYS

KEY	CONTROL SEQUENCE
↓	Move the cursor down one line.
↑	Move the cursor up one line.
→	Move the cursor one position to the right.
←	Move the cursor one position to the left.
Ctrl F	Move the cursor to the first character position of the line.
Ctrl E	Move the cursor to the last character of the line.
Ctrl H	Move the cursor to the top left of the screen (home position).
Ctrl X	Delete the character at the current cursor position and shifts characters to the right of the cursor one space left.
Ctrl T	Move the cursor one tab position.
Ctrl A	Add the current line to the queue.
Ctrl I	Insert the contents of the queue into the screen at the current cursor location.
Ctrl J	Delete the current line to the right of the cursor. Ctrl J places the deleted text in the queue so that if you delete by mistake, Ctrl I will retrieve deleted line; you can use Ctrl J, Ctrl I to move fields around the screen. If the line is null, Ctrl J will move all lower lines up.
Ctrl K	Clears the queue.
Ctrl M or Carriage return	Splits current line at cursor and pushes all lower lines down.
Ctrl P	Identifies the current cursor position. Cursor location is defined by column and row numbers and is displayed at the bottom line of the screen.
Space bar	Inserts a space (and hence shifts the line to the right).

AD HOC EDIT - CURSOR CONTROL SEQUENCES

The following lower case characters have special meanings during the 'edit' mode. No other lower case characters will be accepted by the system during this phase.

CHARACTER	MEANING
h	Signifies a heading line.
s	Signifies a summary line.
t	Signifies a trailer line.
p	Indicates where the page number will print.
x	Specifies where a variable field (information from files other than profile records and computed variables) will print.
f	Indicates where a fixed field (CDT, CTM, run-time parameters, and information from the profile records) will print.

The characters h, s, and t are allowed only in the first column of the screen (column 0). For p, x, and f, the number of characters in a group specifies the length of the field.

AD HOC EDIT - SPECIAL CHARACTERS

SECTION 3

RUN-TIME PARAMETERS SCREENS

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INTRODUCTION TO SECTION 3

Associated screens, or Run-Time Parameters Screens, allow you to specify variable selection criteria at run-time. For example, you may create a report definition that retrieves records for a date which is specified at run-time. Each time you request that report to run, you will need to define the unspecified date. The Run Time Parameter Screen is defined in the selection criteria. If you press Help in the Logic Low field on the Select Criteria screen you will find the run-time variables (T1, T2) associated with the Run-Time Screen entered on the General Information Screen. For example, if you enter Run-Time Screen 506 in the Associated Screen # field on the General Information Screen, and then press Help in the Logic Low field while defining your Select Criteria, the Run-Time Parameter of Report Data (T1) is displayed. **Anytime you want to see how the Run-Time variables are associated with the Run-Time Parameters press Help in the Logic Low Field.**

There are several run-time parameters that are available for a report. These parameters have been distributed among the associated screens. A Run-Time Parameter Screen, which is identified by a unique screen number, can request the specification of one or more run-time parameters. Examples of the available Run-Time Parameter Screens are provided on the following pages. The screens display different fields or parameters for each report. The following data chart lists the available run-time parameters and the screens where they can be specified. Screen 505 has no run-time parameters. The only option this screen offers to a user at run-time is the ability to specify the number of copies that should be printed.

All Run-Time Parameter Screens allow you to specify the number of copies you wish to run at the Printer Copies Field. Many screens allow you to specify a date or a date range for a report. You must enter a date in any run-time field that requests a report date or period.

The SELECTION field appears at the bottom of every Run-Time Parameters Screen. This field operates in the same way as the ENTER SELECTION field on any other screen. You can enter all or part of the parameter label to return to that field and update it.

(1) CONTINUING ED HRS LESS THAN. Enter the minimum number of continuing education credit hours required. Report will list those providers with fewer credit hours than the number specified. Up to 2 characters are available. (Screen 518)

(2) END PROCEDURE CODE. Enter the highest procedure code when specifying a procedure code range selection criteria. 4 characters.

(3) INPATIENT MORE THAN n DAYS. Specify the maximum number of inpatient days. Report will list current inpatients who have been under hospital care for more than the number of days specified. Up to 3 characters are available. (Screen 504)

(4) PERIOD START. First day of the report period. 11 characters. (Screens 509, 510, 540)** (Screen 542, Period Start, is the start disposition date)**

(5) PERIOD END. Last day of the report period. 11 characters. (Screens 509, 510, 540)** (Screen 542, Period End, is the end disposition date)**

(6) PRINTER COPIES. Enter the number of copies you wish to run. If left blank, the report will be displayed at your terminal. Up to 2 characters are possible. (All screens.)

(7) PROVIDER. Enter the short name or the QA ID code of the provider you wish to report on. Up to 8 characters are available. (Screens 509, 517)

(8) QA QUESTION NO. The number of existing MTF-specific Occurrence Screening checklist question that you wish to report on. 2 characters are available. (Screen 540)

(9) REPORT DATE. The unique date for which you desire information. 11 characters. (Screen 506)**

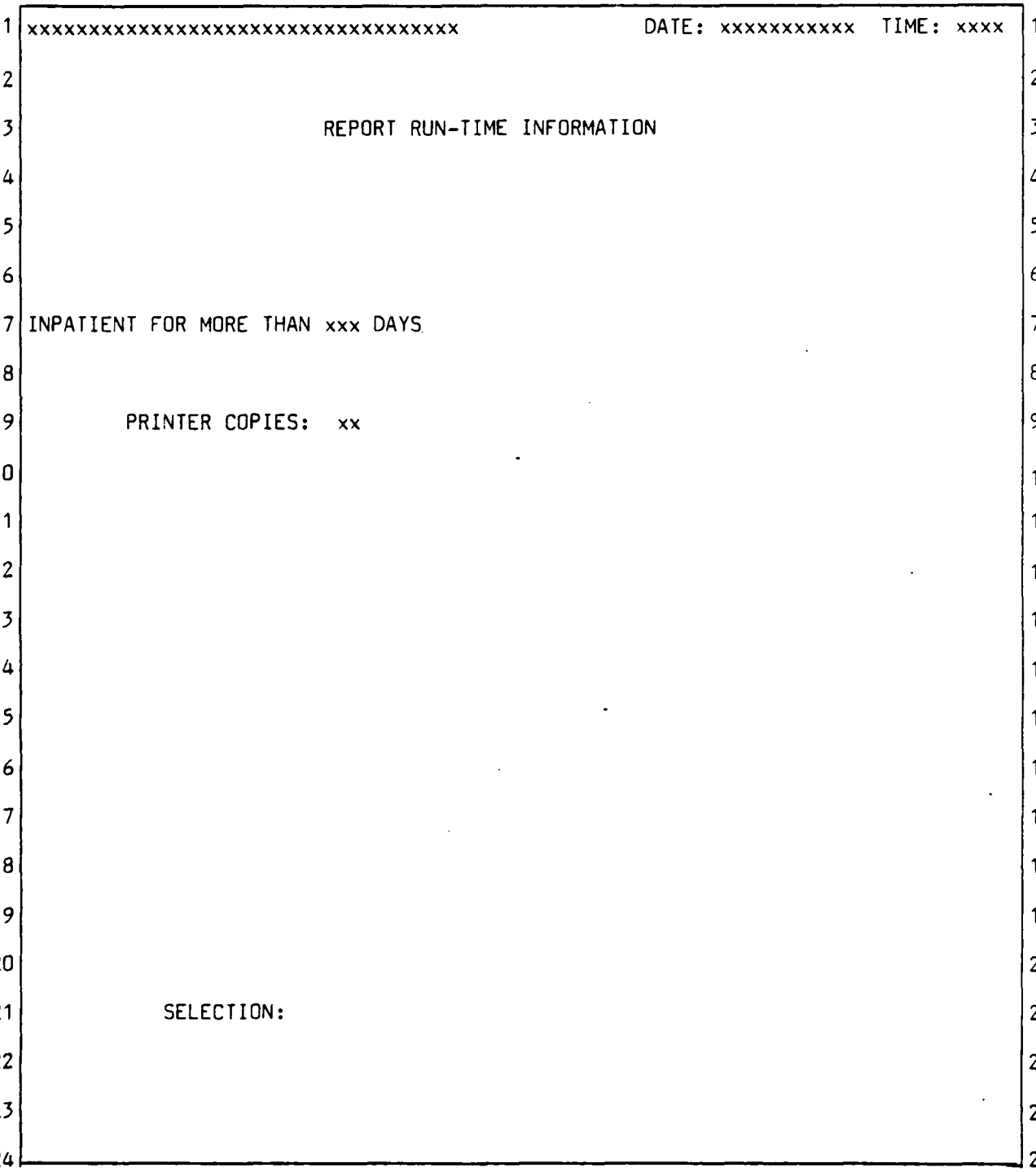
(10) REPORT MONTH/YEAR. Specify an imprecise date for a report when the day of the month is unknown. 8 characters. (Screen 519)**

(11) REPORT TYPE. Used for reports presenting data about QA problems as recorded on the QA Problem Audit Screen. Enter "Y" to collect information on resolved problems; enter "N" to collect data on unresolved problems. 1 character. (Screen 508)

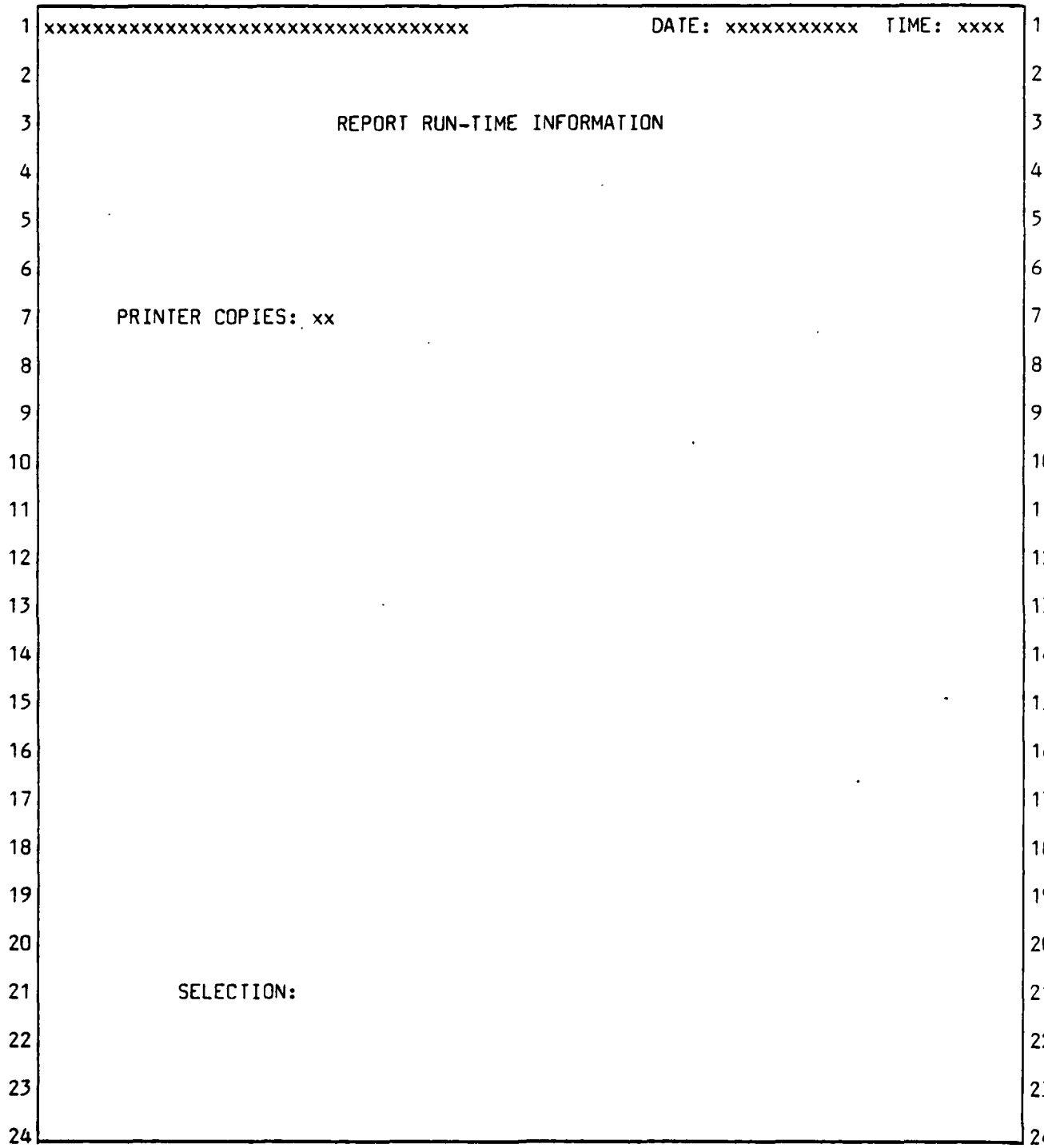
(12) START PROCEDURE CODE. Enter the lowest Procedure code when specifying a procedure code range selection criteria. 4 characters.

DATA CHART - RUN-TIME PARAMETERS

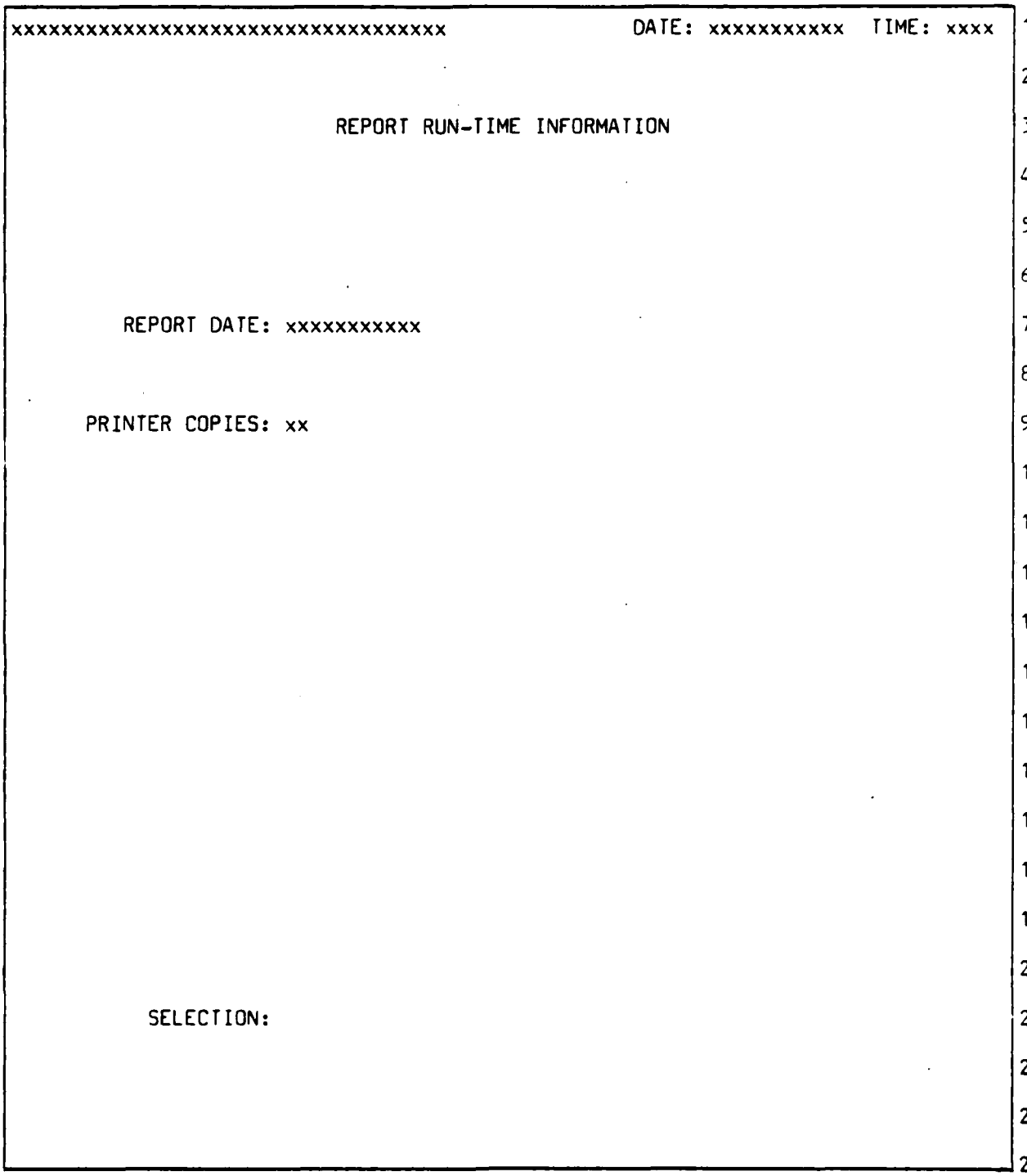
** Required Fields



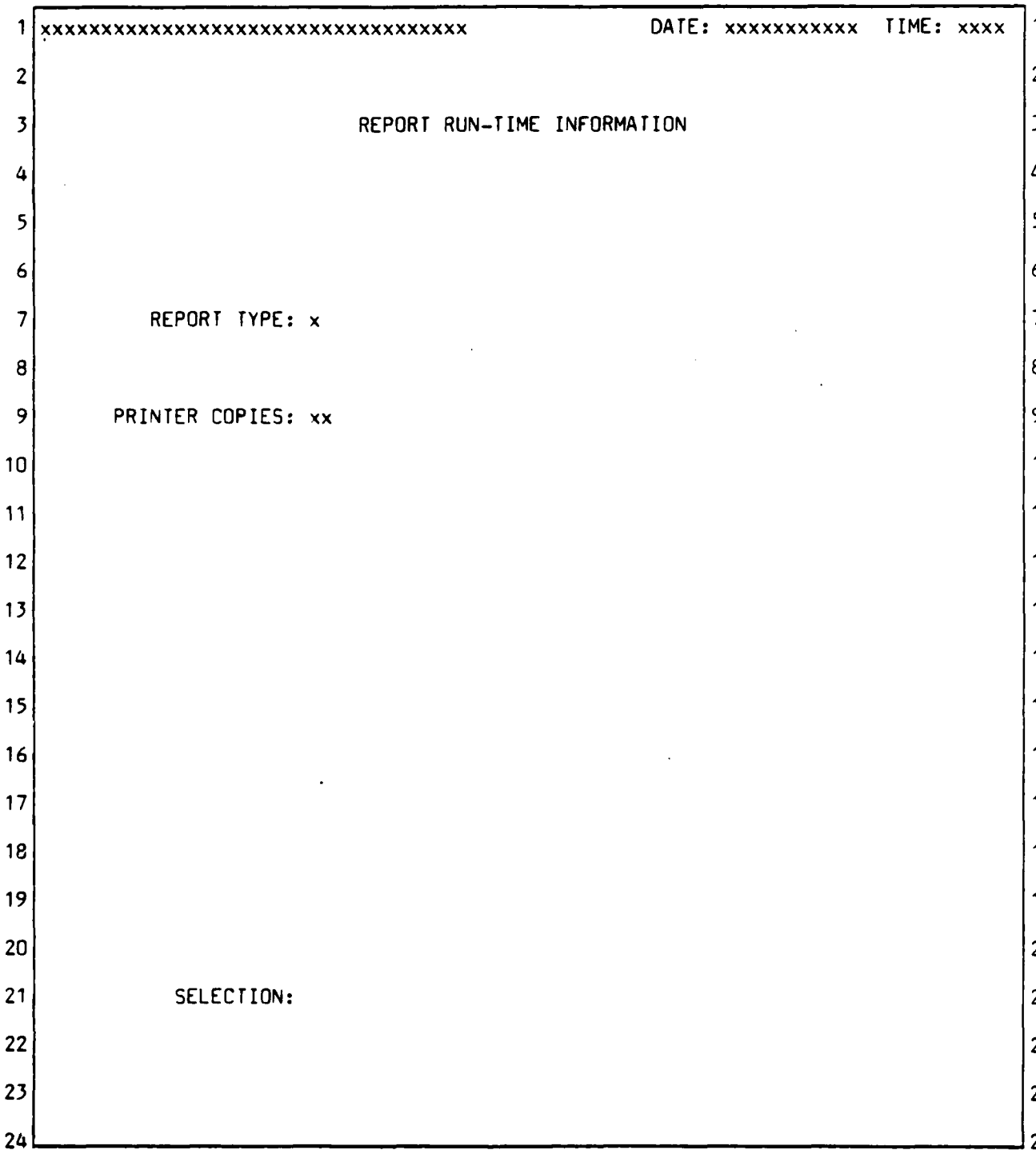
Screen 504. INPATIENT MORE THAN n DAYS SCREEN



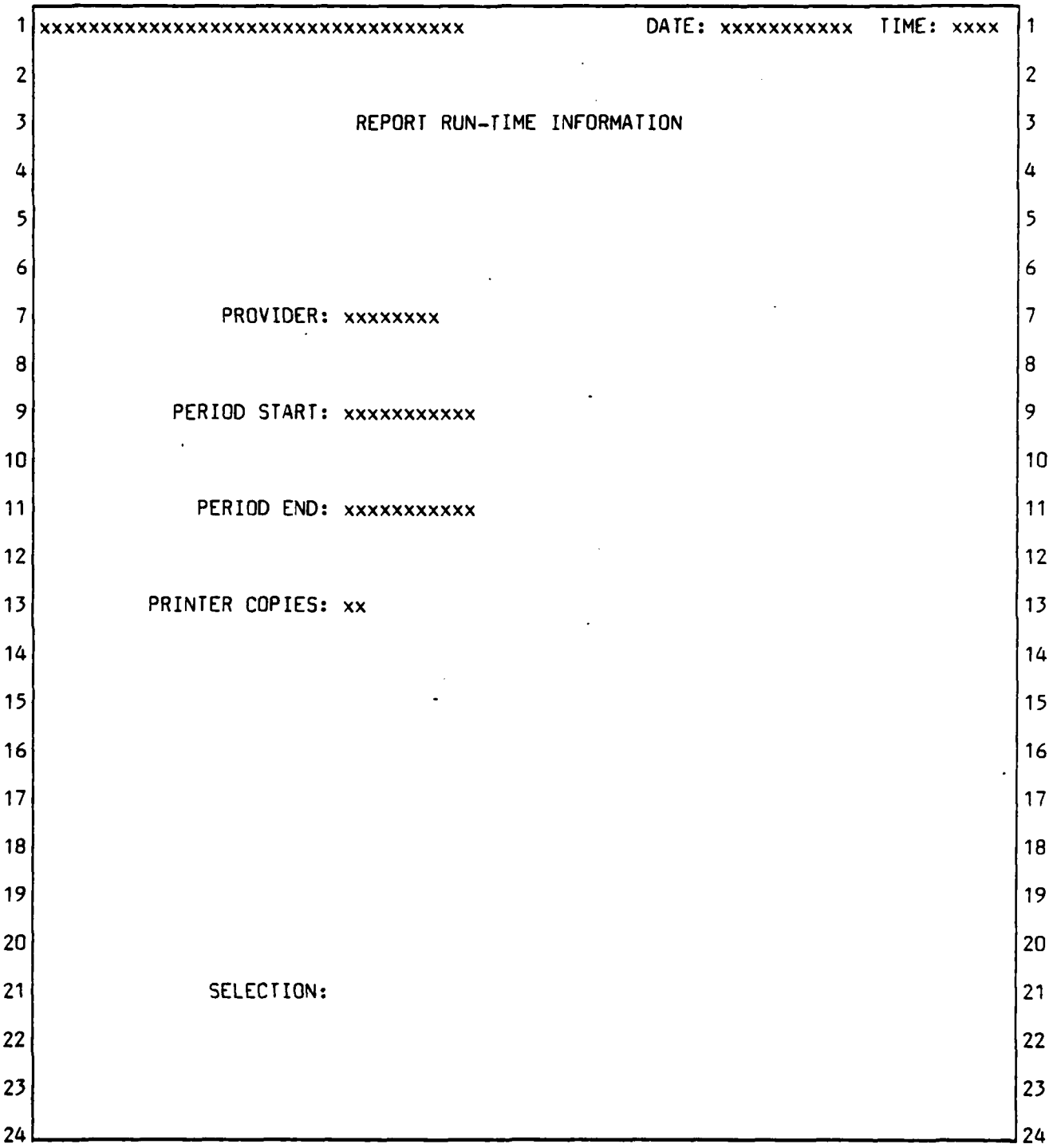
Screen 505. ONLY ASK FOR NUMBER OF COPIES



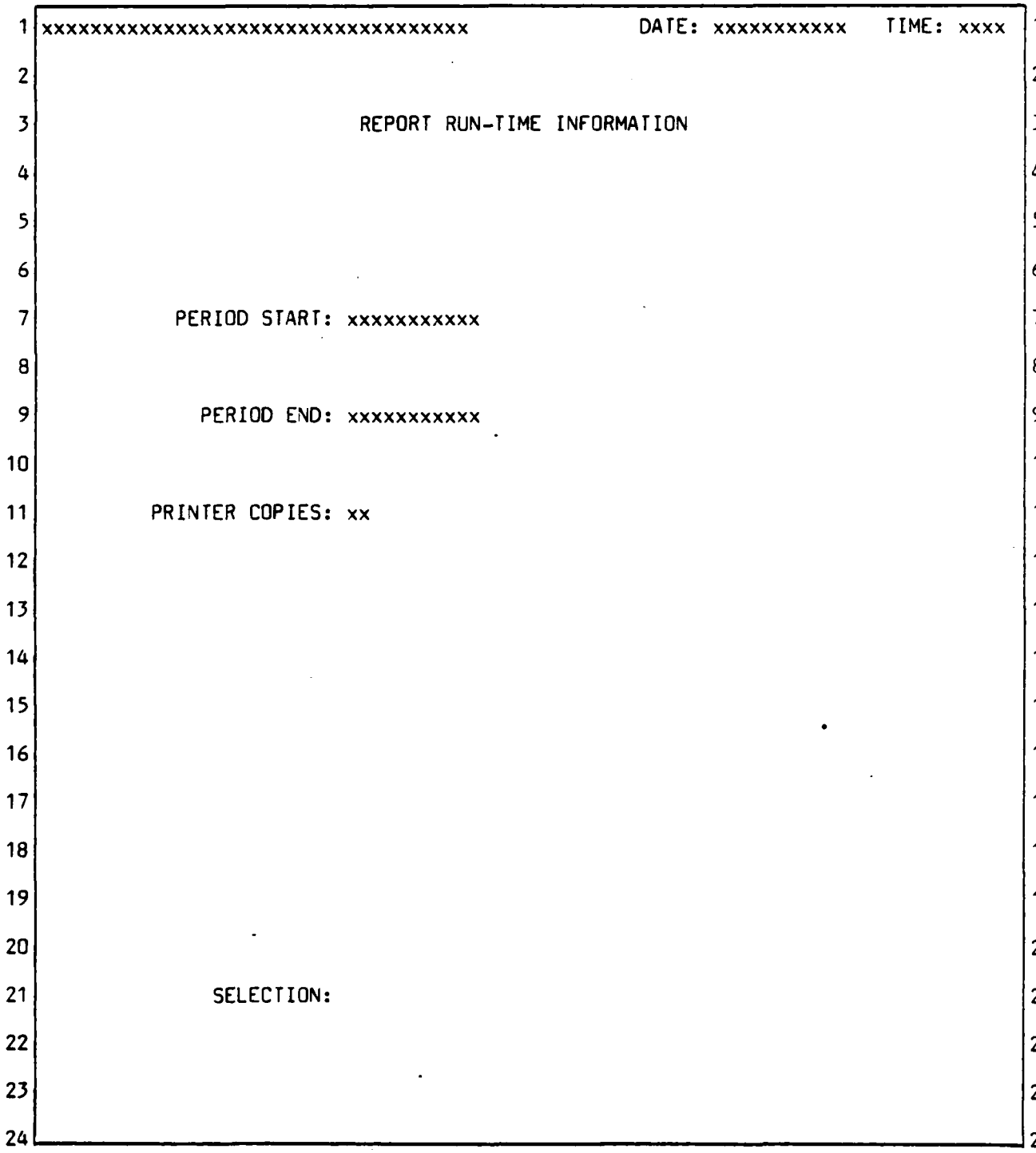
Screen 506. SINGLE REPORT DATE



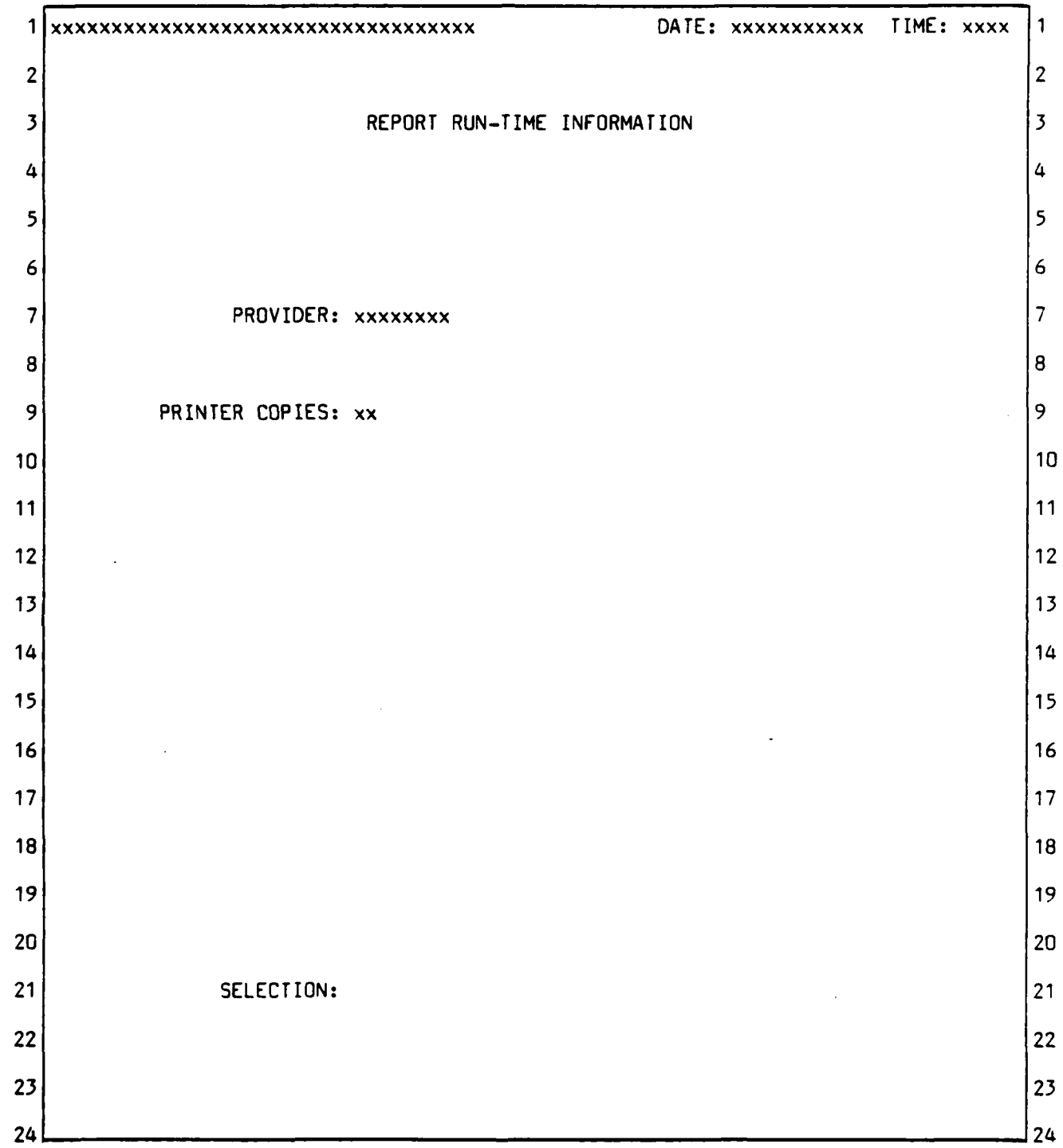
Screen 508. QA PROBLEM AUDIT REPORT TYPE



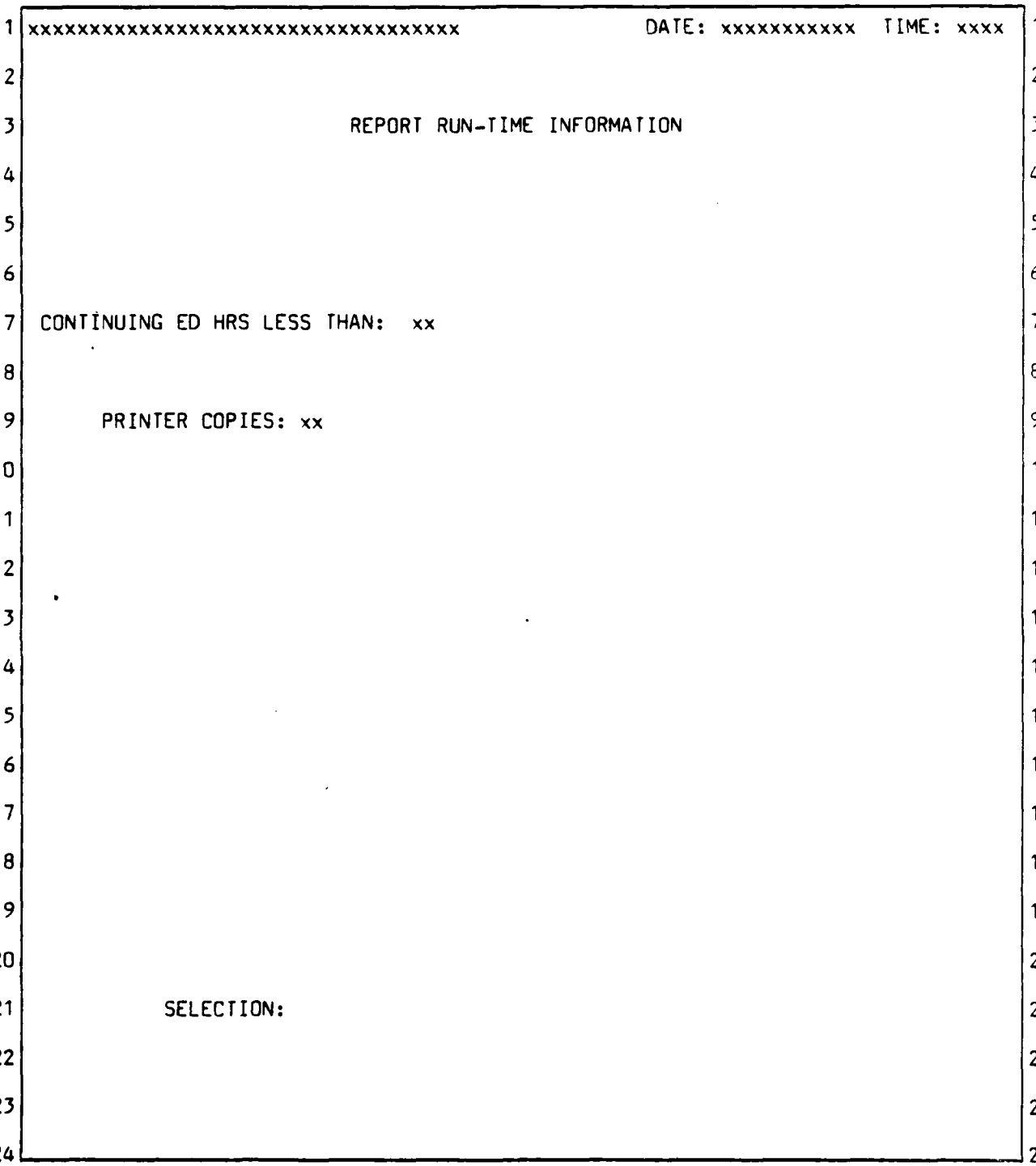
Screen 509. PROVIDER AND PERIOD RANGE



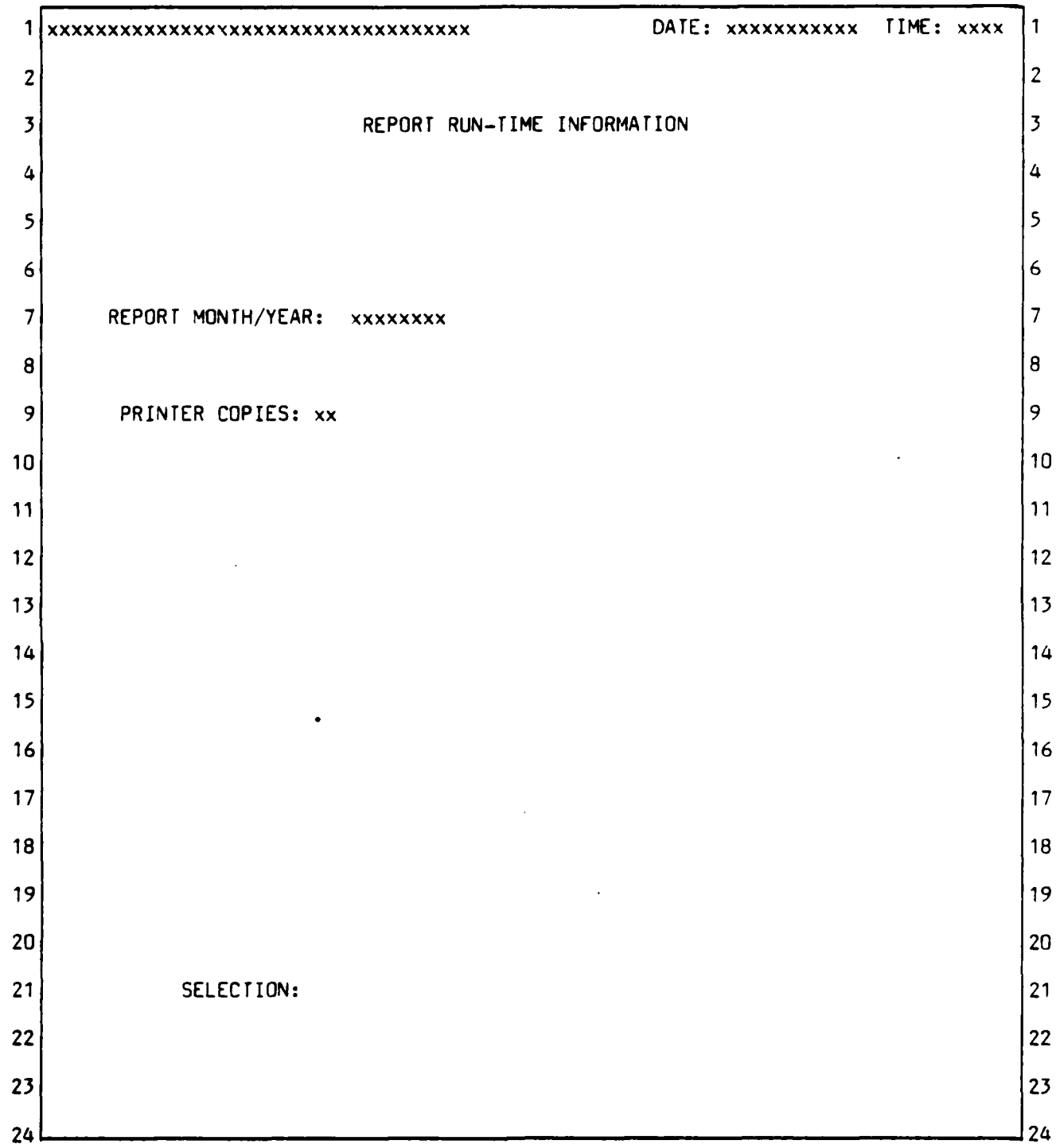
Screen 510. PERIOD RANGE



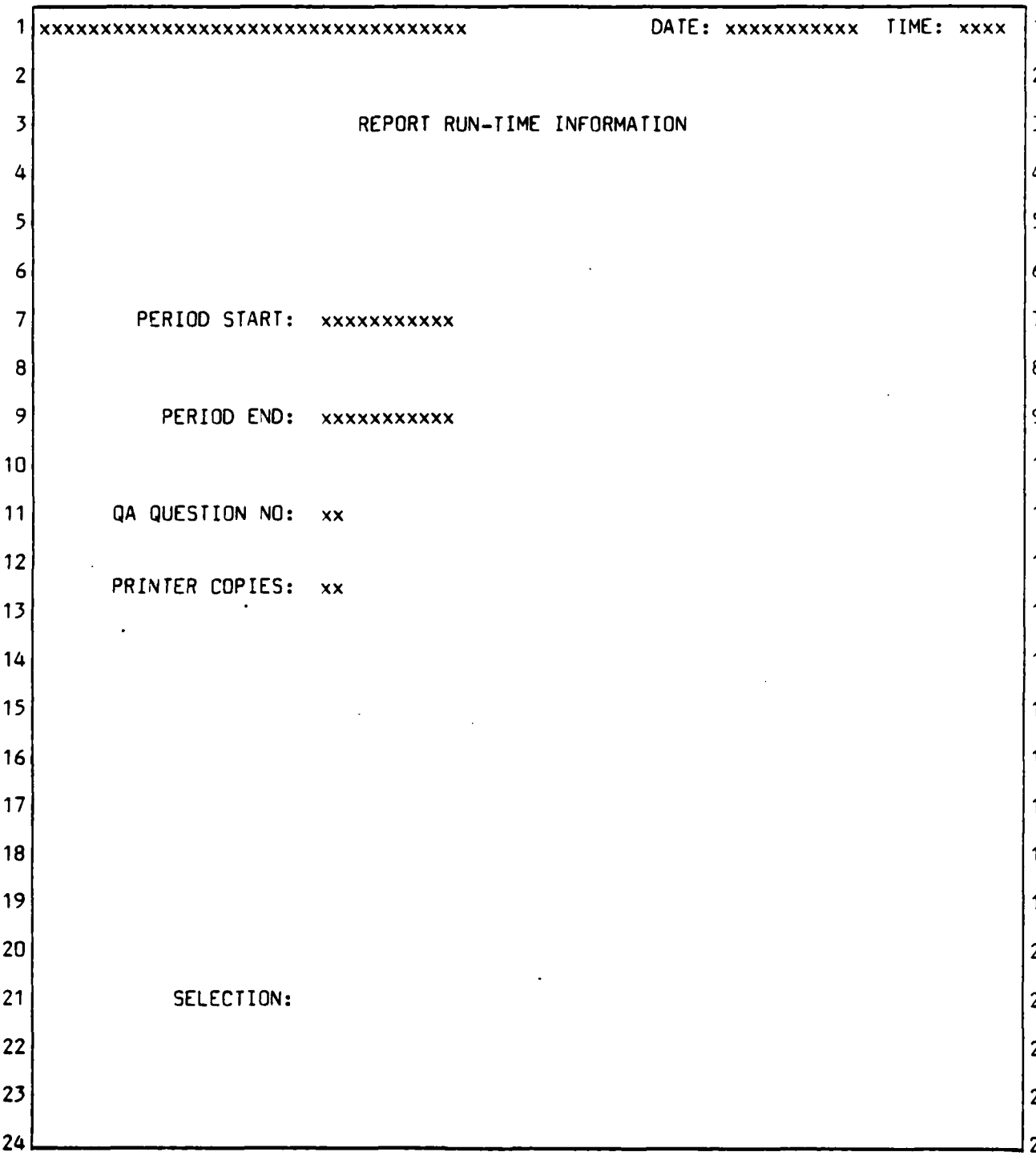
Screen 517. PROVIDER



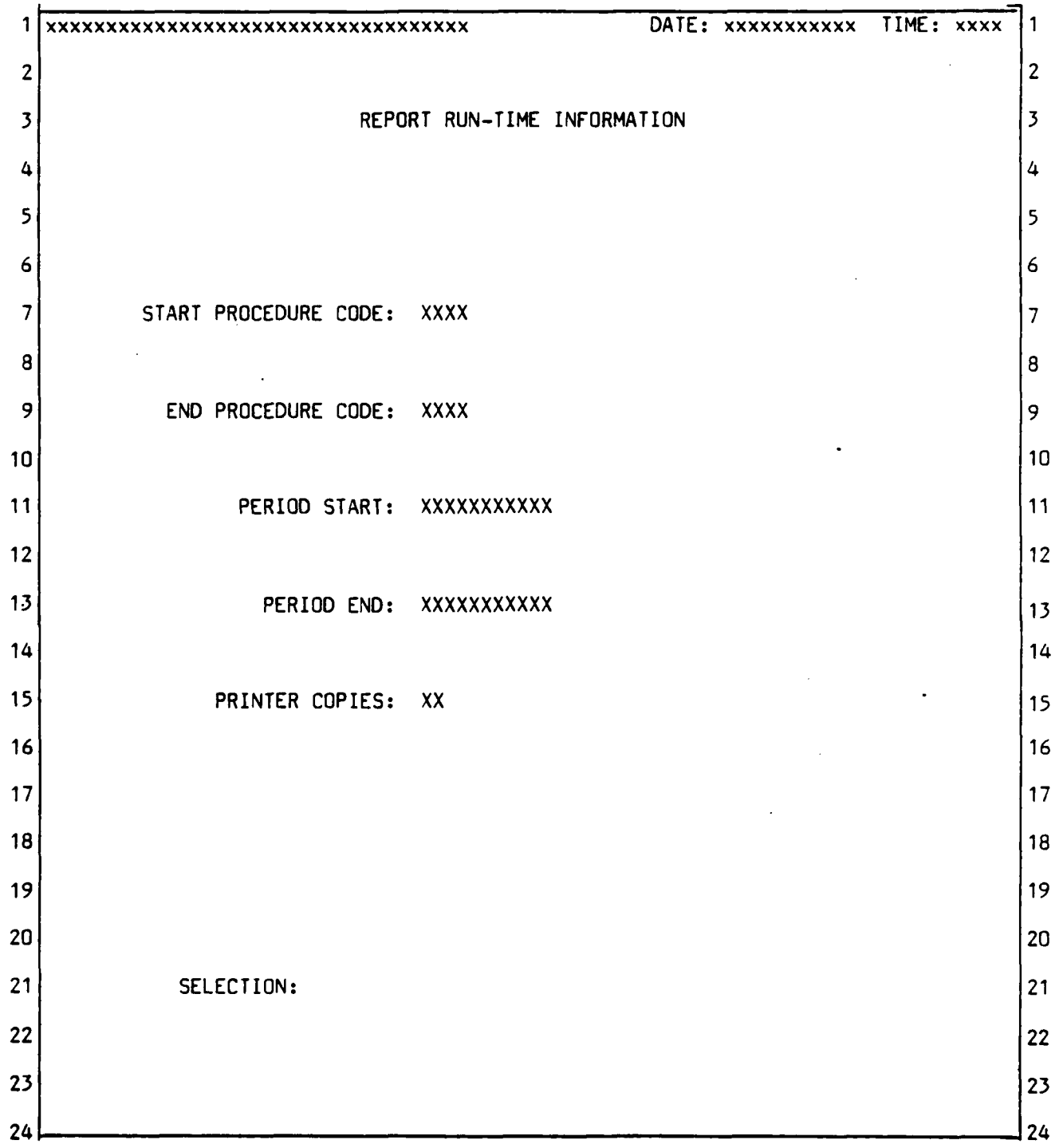
Screen 518. CONTINUING EDUCATION HOURS



Screen 519. IMPRECISE DATE



Screen 540. QA OCCURRENCE SCREEN PULL LIST BY PERIOD



Screen 542. PROCEDURE SELECTION BY DATE

SECTION 4

CONSISTENCY ERRORS

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INTRODUCTION TO SECTION 4

Once you have completed entering a report and before th system prompts you to generate code, the system will prompt you "xx consistency errors found" if you have a consistency error. You cannot go any further with the report until you discern where the error is and correct it. Section 4 of this guide contains error codes that may be displayed when the user requests a list of consistency errors for a report definition. To get a list of the consistency errors you will go into the Print Option (P) from the Ad Hoc Main Menu. Then select list Consistency Errors (C) and enter your report number. (If you don't know the report number press "Help" and a list of all reports with consistency errors will appear.)

The list identifies the location of the error, provides a brief description of the problem and shows the field value. Further explanation of the Consistency Errors are found in the following Consistency Error Code Chart. The chart will list all consistency error codes, their definitions, and field values for the code. Each code specifies the field value in a different way so you must use the Chart for the values definition. You can either print the list of consistency errors or display the information on the terminal.

The location of the error may be identified as any one of the following:

SORT LEVEL - the number of the sort level where the problem was found

SELECT CRITERIA - this is the line number of the select criteria where the problem is located

COMPUTED VARIABLE (CV) - this gives you the number of the computed variable you are responsible for discerning which part of the CV is in error

HEADER, DETAIL, SUMMARY OR TRAILER LINE - the line number on the report picture format where a problem has been found.

Once you have defined and located our consistency error, return to your report to the specific location and correct it. If the correction is complete the system will ask you "Do you want to Generate Code?". If it is not, you will get the message "xx Consistency Errors Found". You would then have to repeat the process.

ERROR	EXPLANATION
INVALID RUN-TIME PARAMETER	A run-time parameter that is not defined by the associated screen has been specified. The error can occur when the user changes the screen number through the Edit General Information option to a screen with fewer parameters than the original screen. The field value on the error report is the name of the run-time parameter, i.e. T1, that cannot be found on the new screen.
INVALID COMPUTED VARIABLE REFERENCE	A non-existent computed variable has been specified. Occurs when the user has deleted a computed variable that is referenced elsewhere or when one computed variable that is undefined is specified by a second computed variable. The field value on the error report is the computed variable, i.e. V1, that has been deleted or has not been defined.
MISMATCHED ASSOCIATED SORT LEVELS	Two fields on the same line of the report picture format have the associated sort level field set differently. All fields on a line must be set to the same sort level or be set to none at all. The field value on the report is the sort level number that is causing the mismatch. If there are three fields on a line and only the first field has a sort level assigned, errors will be reported for the other two fields.
INVALID SORT LEVEL REFERENCE	A field definition on a print line has as the associated sort level a level that does not exist. Occurs when the user has deleted the sort level and has not reflected the modification in the print field definitions. The field value on the error report is the sort level number.

AD HOC - ERROR CODES

OP MISSING FROM ENTRY	One or more parts of a computed variable definition have been rearranged without correcting the entries in the OP field of each line. The field value on the error report will be null.
OP INVALID ON LAST ENTRY	Similar to OP MISSING FROM ENTRY but also applies to the Select Information Screen. Error can be caused by the deletion of the last part of a computed variable or the last selection entry. The field value on the error report is the OP causing the error.
PARALLEL SUBFILES USED	Two subfiles that are at the same 'level' have been used in a computed variable. For example, File 8050.02 can be used with File 8050.12 because .12 is at a lower level than .02. File 8050.01, on the other hand, cannot be used with either because it is at the same level as, or parallel to, .02.
UNMATCHED LEFT PARENTHESES	The computed variable or the selection criteria contains more left parentheses than right. The field value will be a left parenthesis. For the Selection Information Screen, the location of the error will not show a line number because all the selection information must be examined for proper evaluation of the error.
UNMATCHED RIGHT PARENTHESES	The computed variable or the selection criteria contains more right parentheses than left. The field value is a right parenthesis.
SUMMARY LINES OUT OF ORDER	Subtotal lines appear before a grand total line or they appear out of order on the report picture format. The lines must be defined in the order 5, 4, 3, 2, 1, grand total. The field value on the report is the sort level number that is out of order.

AD HOC - ERROR CODES (CONT'D)

DETAIL LINES OUT OF ORDER	Conditional print lines on the report picture format have either been entered out of order or have been placed after one or more unconditional lines. The conditional lines must be defined in the order 1, 2, 3, 4, 5, unconditional. The field value on the error report is the sort level number that is out of order.
NOT REFERENCED ELSEWHERE IN REPORT	A computed variable which is defined by a Computed Variable Screen has not been referenced in the report definition screens. Error can be caused by the deletion of the computed variable from the report definition screens. The location will identify the computed variable number.

AD HOC - ERROR CODES (CONT'D)

SECTION 5

LIBRARY OF TRANSFORMS

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INTRODUCTION TO SECTION 5

In AQCESS Ad Hoc, variables can be transformed to another form for selecting, sorting, and printing. Some data fields require transformation from one format to another for system processing and printing because the system performs a standard data dictionary transform on them.

The specific data fields that are affected by an automatic internal change or transform are:

1. **Table Fields** - Each table item has a code and a description. For example, table entry in the Source of Admission table might be DIR (Code) meaning DIRECT Source of Admission (Description). The data stored in the patient record is neither the code nor the description but an internal "pointer" to the table entry. The Transformation to the table item is automatic unless you specify otherwise by using the Transform Flag and Code fields in the report definition.

   A. Flags Fields - All AQCESS tables have a code and a description. Some AQCESS tables have another field called a Flags Field. Flags are a series of 1 character codes that catagorize the table item. For example, in the source of Admission Table, the code NB is the Army code for Newborns, NEW is the Airforce code and LB is the Navy code. By using the Transform Code "Flag", the record selection can be done on the flag value instead of the individual codes. For a list of all available flags turn to Section 6.

2. **Date Fields** - Date Fields in AQCESS are stored internally YYYMMDD where YYY is the number of years since 1700, MM is the numeric month and DD is the numeric day of month. Dates in this format can be arithmetically compared. Dates are automatically transformed to the AQCESS display format DD MMM YYYY unless you specify otherwise in the Transform fields when defining a report.

3. **Date/Time Fields** - Some Fields specify both the date and time. The internal format is YYYMMDD,HHMM. The date part is the same as a date only field. The time is military time with trailing zeros truncated. The AQCESS display format is DD MMM YYYY unless you specify otherwise on a report definition.

   A. Doing Arithmetic on Date Fields - The internal format of AQCESS dates allows for arithmetic comparison, 2860401 is greater than 2860331 (April 1 is after March 31), but does not allow straight arithmetic to be done. If you subtracted the number 2860331 from 2860401 you would not get 1 when, in fact, the two dates are one day different.

   In order to do arithmetic on dates, each date field must be converted to a standard unit, e.g., days from a base date. The computation can then be performed. If you were subtracting two

dates, the resulting number would probably be the desired result. If you were adding or subtracting a constant to or from a date, you would want the result to be converted back to a date format. Standard system transforms can be defined so that both these transformations can be done easily.

4. **Other Automatic Transforms** - There are several other data items where the internal format is different from the standard display format. There are:

   A. Zip Codes - They are normally stored as 9 numeric digits and are always displayed 99999-9999 if 9 digits are entered.

   B. Social Security Number - They are stored internally as 9 numeric digits and will always be displayed as 999-99-9999.

   C. Register Number - They are stored with no leading zeros and will always be displayed as a 7 digit number (plus an optional suffix for Airforce Newborns) with leading zeros.

Each Data item definition may have a Transform Flag and/or Transform Code in addition to the File ID and Field ID.

The Transform Flag field has only one valid entry, "N" for No. It means that you do not want the standard tranform applied. This means that the pointer for the table fields will not be changed to the codes, that dates will remain in their internal format, that SSN's will not have dashes inserted, etc. This suppression of the normal transform is always used when sorting and selecting on dates. It is almost always used when an alternate transform is defined.

The Transform Code field is used to define a transformation of the data from how it is stored to how you want it for whatever process you are defining - selecting, sorting, or printing. The Library of Available Transforms follows.

Some of the entries in the Library of Tranforms require arguments that detail the action to be performed by the system. The numbers in the parentheses refer to the number of arguments required for the given transform. Arguments are entered in parentheses after the transform code. Multiple arguments are separated by commas. Commas are only allowed as part of the argument of INSERT and either or both arguments of CHANGE. Enter the commas for these arguments in quotes, i.e., ",".

ADATE — Converts internal date to days since 1840. Used on any date field to do date calculations. Cannot be used with print-fields or as the final transform of a computed variable.

AUTH.FOR.ADM — Prints authority for admission. Used on PATIENT CATEGORY field. Will print AR40-3 PARA (paragraph number) for Army or AF168-8 PARA (paragraph number) for Air Force. The paragraph number is taken from the patient category table. Results in a null field for Navy sites.

CHANGE(2) — If the field is equal to the value of the first argument, change its value to that of the second argument.

The two arguments can be any value. Non-numerics must be in quotes.

Examples:

CHANGE ("",0) if the field is null (no value or entry), change it to a zero.

CHANGE (0,"N/A") if the field is equal to zero, change it to "N/A" (not applicable).

DAMT — Round dollar amount to nearest penny and print in money format. Used on any money field.

DATE — Used to access only the DATE part of a DATE/TIME field. Works with the internal date format only. If you wish to print only the DATE part of a DATE/TIME field, specify 11 characters on your report picture format. The system will truncate the field at the eleventh character.

DATE.DIFF (1) — Used to calculate the difference between a specified date field and the current date. Valid arguments are:

DATE.DIFF(D) calculate difference in days,
DATE.DIFF(W) difference in weeks,
DATE.DIFF(M) difference in months,
DATE.DIFF(Y) difference in years.

If the result is less than or equal to zero, the printed result will be "<1".

DAYS(1) — Calculates the number of days of the type specified by the argument. This Transform can only be used with the EPISODE INDEX Field. The argument can be any of the following:

* NOTE: Numbers in parenthesis refer to the number of arguments required for the transform.

A code from the absent status table (in quotes),
TOT A total number of days for an inpatient episode,
Tn A run-time parameter that contains a pointer to the absent status table,
F(n)=m Days for a patient when the absent status flag n is equal to value m.

Examples:

DAYS("BO") days on absent status BO, (can be used with any absent status)
DAYS(TOT) Total hospital days,
DAYS(T1) days of a status specified at run-time,
DAYS(F(1)=2) days patient was on 'out' type absent status (AS, CL, etc.).

DAYS.SINCE.DISP(1) Calculates number of days from previous disposition date to either admission or disposition date of registration number given. Used with REG NUMBER field of the admission file (File 8000.01).

DAYS.SINCE.DISP(A) admission Date
DAYS.SINCE.DISP(D) disposition Date

DEATH.CAUSE(1) Used with CAUSE OF DEATH/SEPARATION field from the Clinical Record file (File 7000) to print the diagnosis code or description. Do not use with print-fields.

Valid arguments are:

C - print the diagnosis code,
D - print the diagnosis description.

DEPT.TITLE Used to print title of military department, e.g., Department of the Army. Used as a fixed field transform on variable MTF SERVICE CODE in MTF Profile.

DESC Used to print description rather than code for a table or set item.

DTIME Used to access only the TIME part of a DATE/TIME field for sorting. (Retains leading zeros.)

EOS(1) Select the response to the Emergency Service Screening question specified by the argument. The argument is a run-time parameter, i.e., T1. Used with fields named Q01.

EXTRACT(2) Extract a character string from the field value. Extract from the character specified by argument 1 to the character specified by argument 2.

Both arguments must be numeric and greater than zero. The second argument cannot be less than the first. To extract one character both arguments must be of the same value.

Examples: field value equals "ABCDEFG".

EXTRACT (1,3) extract characters 1 thru 3. The result is "ABC".

EXTRACT (5,5) extract character 5. The result is "E".

FLAG(1) Used to specify flag value of variable rather than code. Normally used on selection screen. Argument is specific flag character. Used with any table code that has associated flags. Cannot be used as a Computed Variable Final transform.

FLAG.DESC(1) Used to specify the flag value of a variable rather than code. Normally used for printing. Argument is a specified flag character. Used with any table code that has associated flags. Cannot be used with a select transform.

FUND(1) Used on any fixed field to print MSA appropriation fund specified by argument. Source variable does not matter.

IF(3+) Used to change multiple values. This transform is an extension of the CHANGE transform: while CHANGE allows the changing of one value to another, IF allows you to change multiple values. It can also optionally leave all other values as they are, or change them all to one value. The number of arguments is variable, but at least three must be specified. An argument can be any value; non-numeric values must be in quotes. With the exception of the last argument used, odd-numbered arguments must be followed by a comma and even numbered ones by a semicolon. Available formats are exemplified below.

IF(0,0;"") if the field is equal to zero, leave the field value as zero; change all other values to null.

IF(1,"*";2," ") if the field is equal to 1, change it to an asterisk; if the field is equal to 2, change it to a space; leave all other values unchanged.

IF(1,"*";2," ";"") if the field is equal to 1, change it to an asterisk; if the field is equal to 2, change it to a space; change all other values to null.

INCIDENT(1) Change the code or codes specified to the description. This is used only with the incident file (File 6010) and for the following fields: INCIDENT PERSON TYPE, INCIDENT TYPE, INCIDENT LOCATION, INCIDENT PERSONNEL INVOLVED, and INCIDENT PERSONNEL REPORTING.

Valid arguments are:

INCIDENT(n)	change the code n in the field to the description,
INCIDENT(ALL)	change every code to the description.

INSERT(4) Insert argument 1 into the field after the characters specified in arguments 2, 3, and 4. Arguments 1 and 2 are required; arguments 3 and 4 are optional. Argument 1 can be any value. Non-numeric values must be in quotes. Arguments 2, 3, and 4 must be numeric.

If argument 2 is zero, argument 1 will be inserted before the first character of the field. Arguments 3 and 4 may be zero in which case they are ignored. If used, they must each be greater in value than the previous argument (i.e., 4>3, 3>2). If any are greater than the length of the field, argument 1 will be appended to the end of the field.

Examples: field value equals "ABCDEFG".

INSERT (1,2,4,6)	Insert a 1 after the characters 2, 4, and 6. The result is "AB1CD1EF1G".
INSERT ("X",3,5,0)	Insert an X after characters 3 and 5. The result is "ABCXDEXFG".
INSERT (" ",4,0,0)	Insert two spaces after the fourth character. The result is "ABCD EFG".

IOS(1) Select the response to the inpatient occurrence screening question specified by the argument. The argument is a run-time parameter, i.e., T1. Used with fields named Q01.

LAST.WARD(1) Retrieves the name of the ward the patient was assigned when dispositioned. If the patient has not been dispositioned, the name of the current ward is retrieved from the admission record. Used with EPISODE INDEX field.

LAST.WARD(C) retrieve ward ID code
LAST.WARD(D) retrieve ward description

MDATE Performs the standard date conversion. It is not necessary to use this algorithm with a regular DATE or DATE/TIME field as it is already the standard transform for these. It may be required for use with computed variables to display the result in the correct format.

MILTIME	Used to access only the TIME part of a DATE/TIME field for selection and/or display. (Adds trailing zeros.)
MON.YR.ONLY	Used on any date field to print month and year only, e.g., JUNE 1986.
ODATE	Used in conjunction with ADATE. After computation, ODATE transforms days since 1840 into standard date format. Can be used only in a computed variable.
PC.SHORT.DESC	Used on Patient Category field to print short description (Army and Navy have a short description defined). Will print regular description for Air Force.
QA.PRVDR.ID	Used on any provider field where the Quality Assurance ID code should be printed rather than the provider's name.
SDATE	Used on any date field to convert to a short form of the military date DDMMMYY rather than DD MMM YYYY. Used when space is limited. Normally used as PFT.

SECTION 6

DATA FLAGS

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INTRODUCTION TO SECTION 6

All AQCESS tables have a code and a description. Some AQCESS tables have another field called a Flags Field. Flags are a series of 1 character codes that catagorize the table item. For example, in the source of Admission Table, the code NB is the Army code for Newborns, NEW is the Airforce code and LB is the Navy code. The system processes all newborn records similarly, regardless of the actual codes used by the diffrent Military Departments. In order to do this the system must have a way of independantly identifying all newborns. The system can do this by 'reading' the flags field.

Flags become very important when you are specifying your selection criteria. For example, the first flag defined in the Source of Admission table categorizes the type of admission as follows:

0 - absent sick	3 - transfer	6 - preadmit
1 - direct	4 - retained newborn	7 - cancelled
2 - newborn	5 - CRO/ERD	8 - quarters

If you wanted all Transfer-In patients you can select on bit 3 instead of having to define a long select statement such as - "select criteria 1 or select criteria 2 ...". In addition, the same select statement would work for all military departments. The way you would specify the use of a flag is with the standard transform FLAG(n) and your Logic Low field in your selection statement. The n in the FLAG transform is a number specifying the byte of the selection, the bit, or specific catagory, is defined in the Logic Low field. In the example above, your selection statement would look like this:

PARENS	FILE ID	FIELD ID	LOGIC LOW	LOGIC HIGH	PARENS	OP
	8000.01	5	**EQ 3**			

TRANSFORM: **N** CODE: **FLAG(1)**

Your flag comes from the Source of Admission table (2001) which is stored in the Admission File (8000.01), Source of Admission field (5), and Flag code byte number 1. In the Logic Low field you defined the bit, or specific category, to equal to "transfer", or Bit 3.

A list of all currently defined flag characters available for use in AQCESS Ad Hoc follows.

TABLE	FLAG
Disposition Type (Table 2007)	byte 1 : 1 = predisposition 2 = death 3 = transfer 4 = same day disp (DSD) 5 = against medical advise
Type Case (Table 2004)	byte 1 : 1 = injury
Patient Category (Table 1002)	byte 1 : 1 = active duty 2 = retired 3 = dependent 9 = other
	byte 2 : 1 = sponsor
	byte 3 : 1 = dependent
	byte 4 : 1 = civilian emergency
	byte 5 : 1 = extended active duty/training
FMP (Table 1012)	byte 1 : 1 = dependent : 3 = sponsor
	byte 2 : 1 = civilian emergency
Source of Admission	byte 1 : 0 = absent sick 1 = direct 2 = newborn 3 = transfer 4 = NB retained 5 = CRO/ERD 6 = preadmit 7 = cancel 8 = quarters
	byte 3 : 1 = absent sick 2 = CRO 3 = ERD 4 = quarters 5 = transfer-in
Absent Status (Table 2002)	byte 1 : 1 = status is in 2 = status is out
	byte 3 : 1 = absent sick 2 = CRO 3 = ERD 4 = quarters

TABLE	FLAG
	byte 4 : 1 = bed day
	byte 8 : 1 = medical hold
	byte 10: 1 = Army charge day
	byte 11: 1 = AF charge day
Clinical Service (Table 2005)	byte 1 : 1 = nursery 2 = pediatrics 3 = OB/GYN
	byte 3 : 1-4 same as Absent Status
MTF (Table 1005)	
MEB Status (Table 2010)	byte 1 : 1 = confirmed 2 = resolved
Casualty Status (Table 2011)	byte 1 : 1 = must be bed occupant 2 = removed from roster
Rate Table (Table 3010)	byte 1 : 1 = variable rate byte 2 : 1 = non-charge rate
	byte 3 : 1 = outpatient rate
	byte 4 : 1 = one-time charge
Where Procedure Performed (Table 4009)	byte 1 : 1 = procedure not in this MTF

SECTION 7

FILE DESCRIPTIONS

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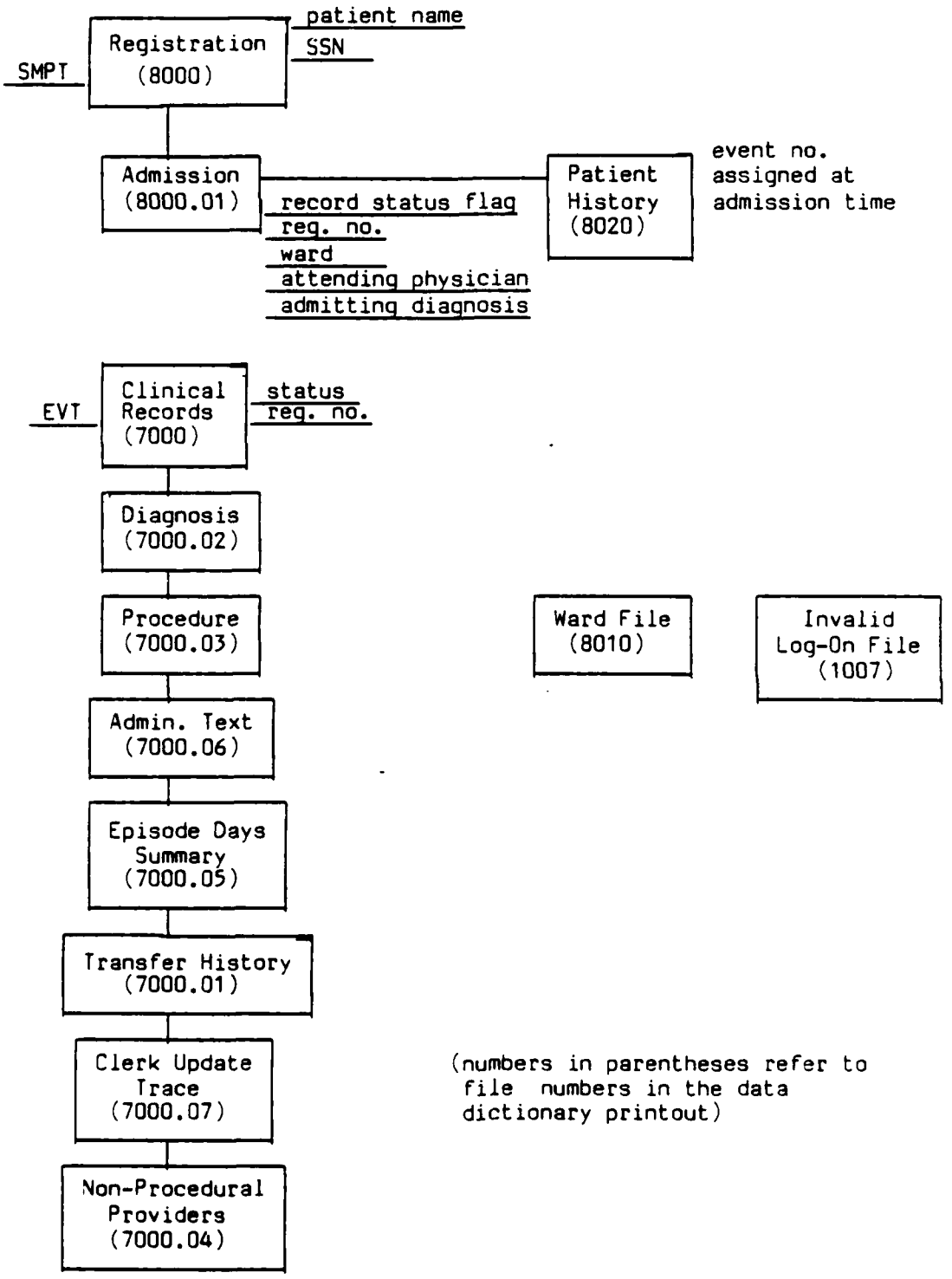

(numbers in parentheses refer to file numbers in the data dictionary printout)

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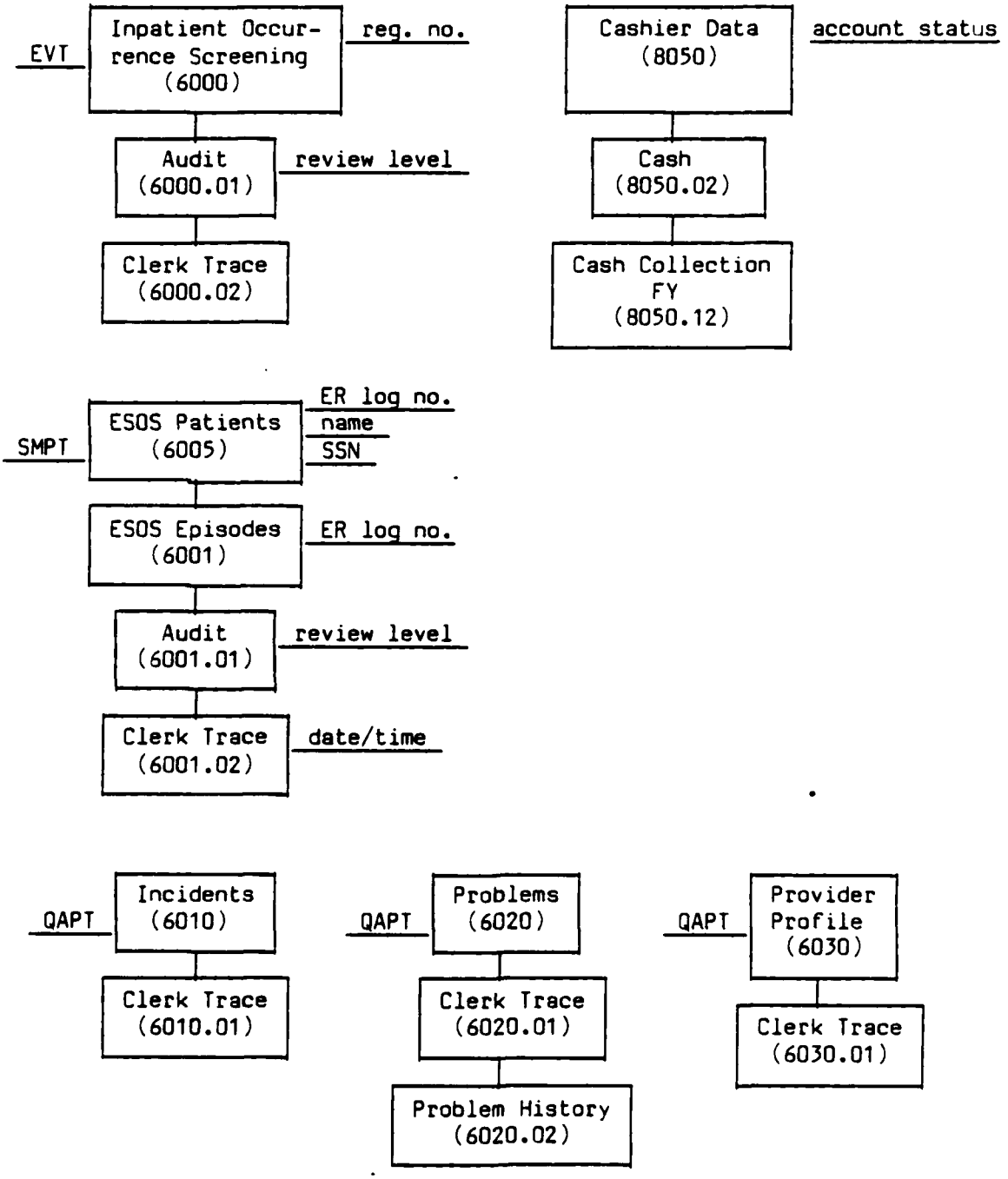
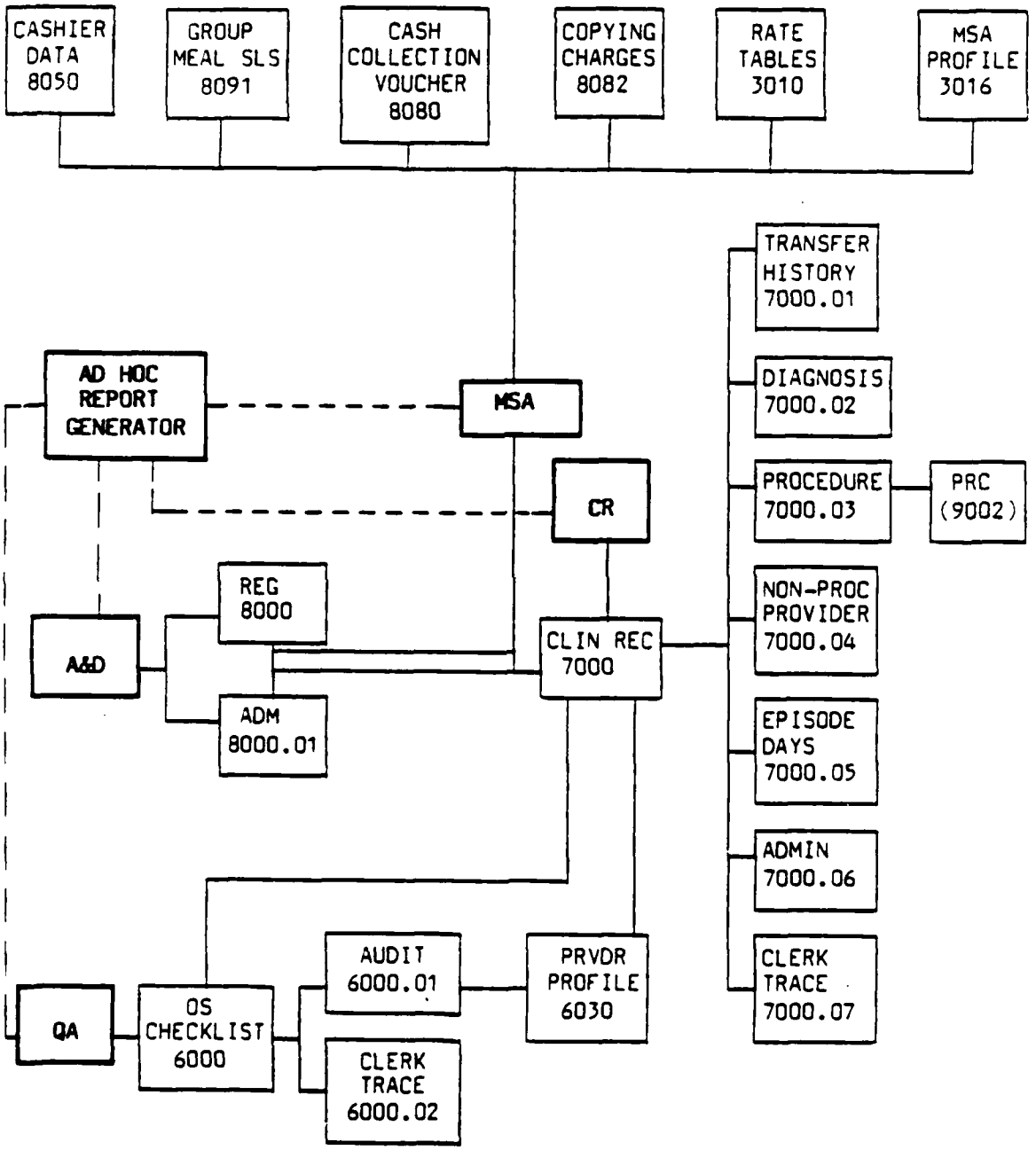


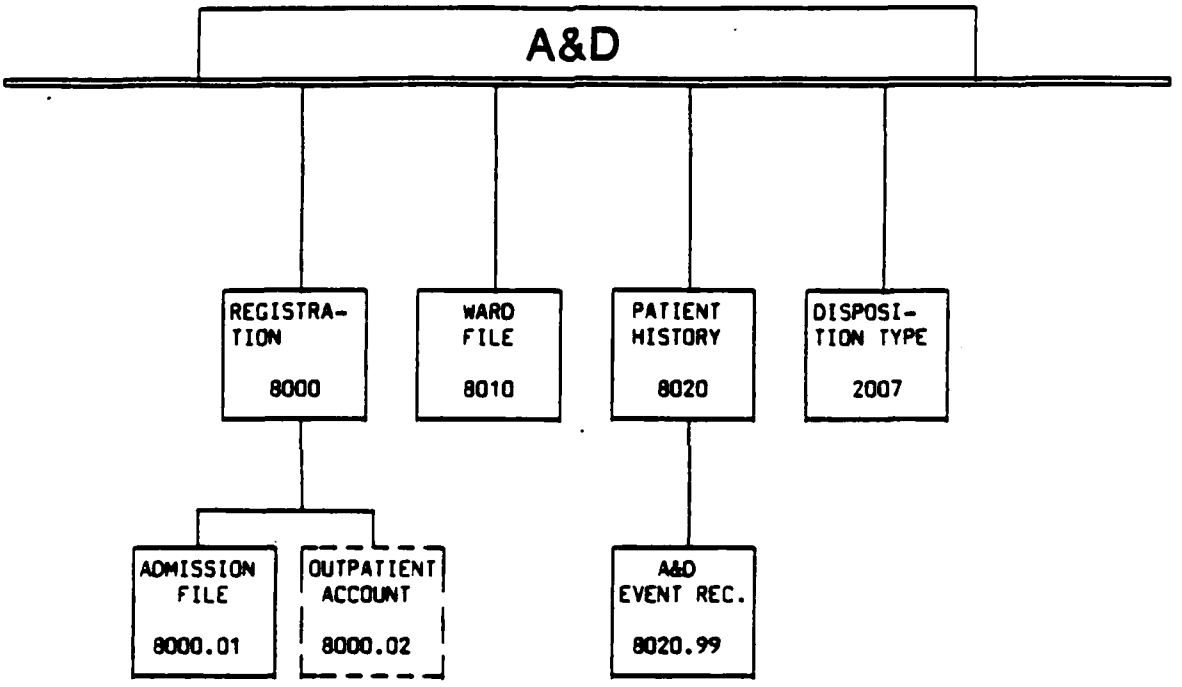
DATA BASE FORMAT (page 2 of 2)

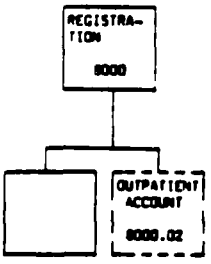
AQCESS FILE STRUCTURE



Q171

AQCESS A&D FILE STRUCTURE

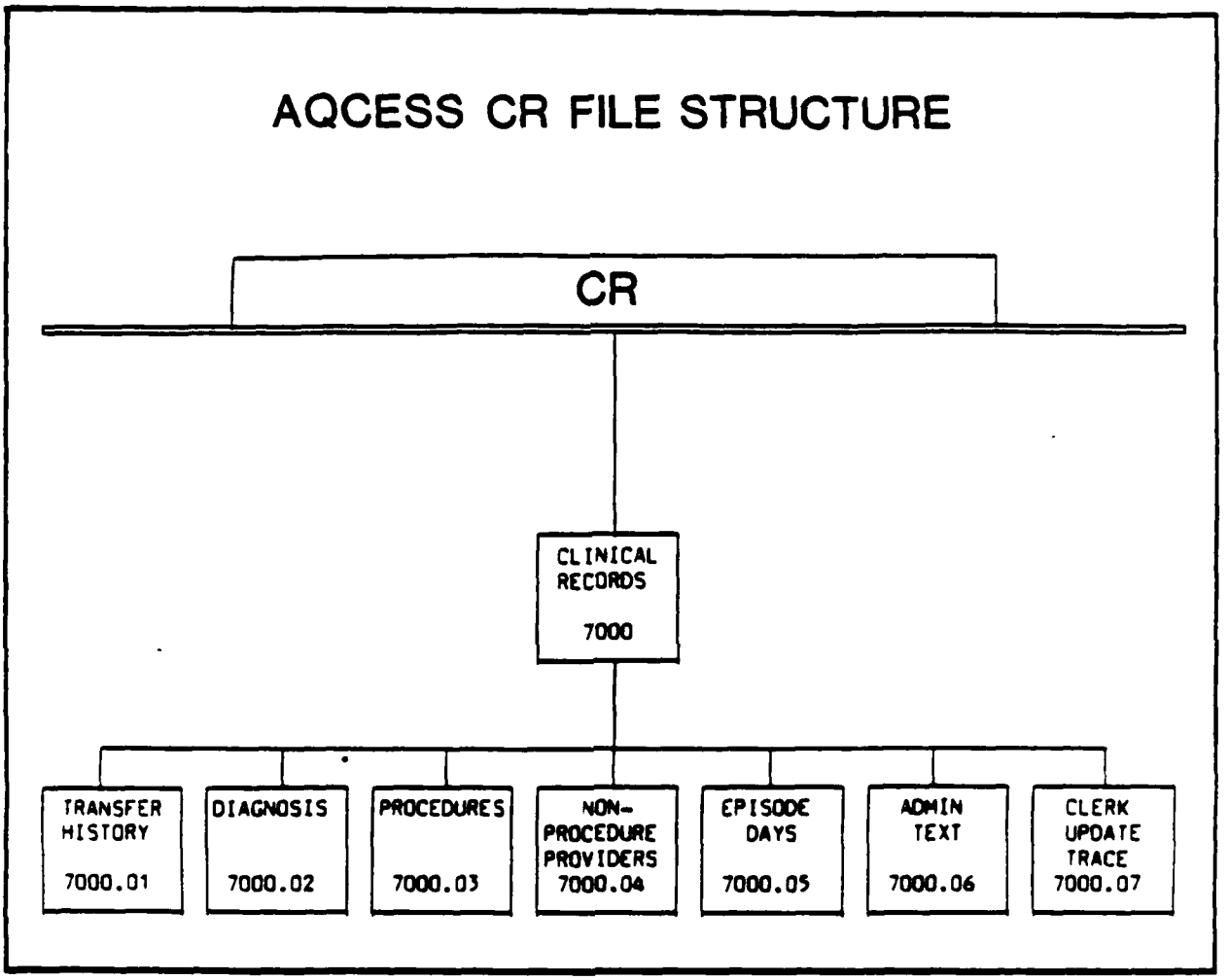




= This file is created in A&D when a patient is admitted (Inpatient).

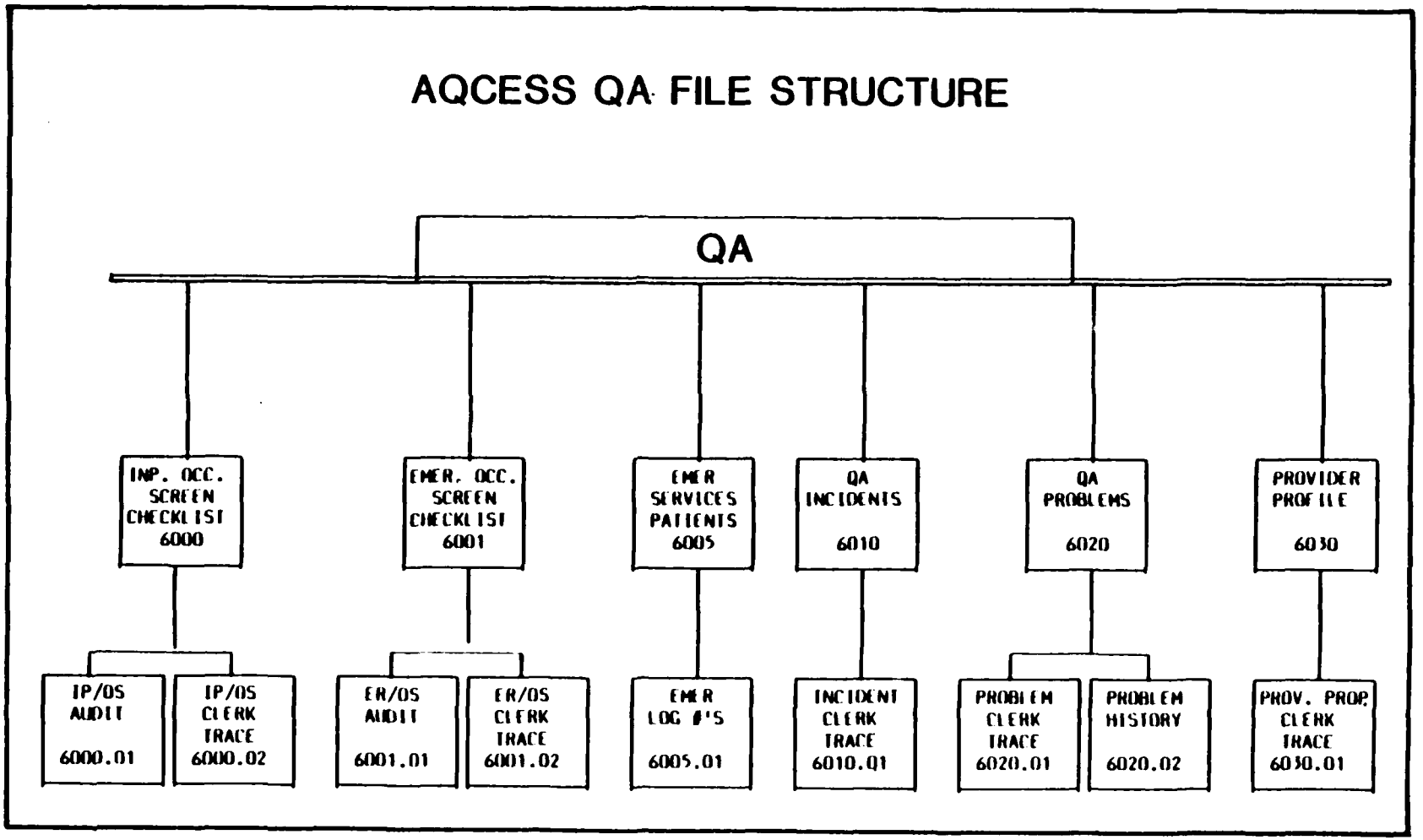
= This subfile is created when a patient is registered in MSA to establish an Outpatient account.

Q171

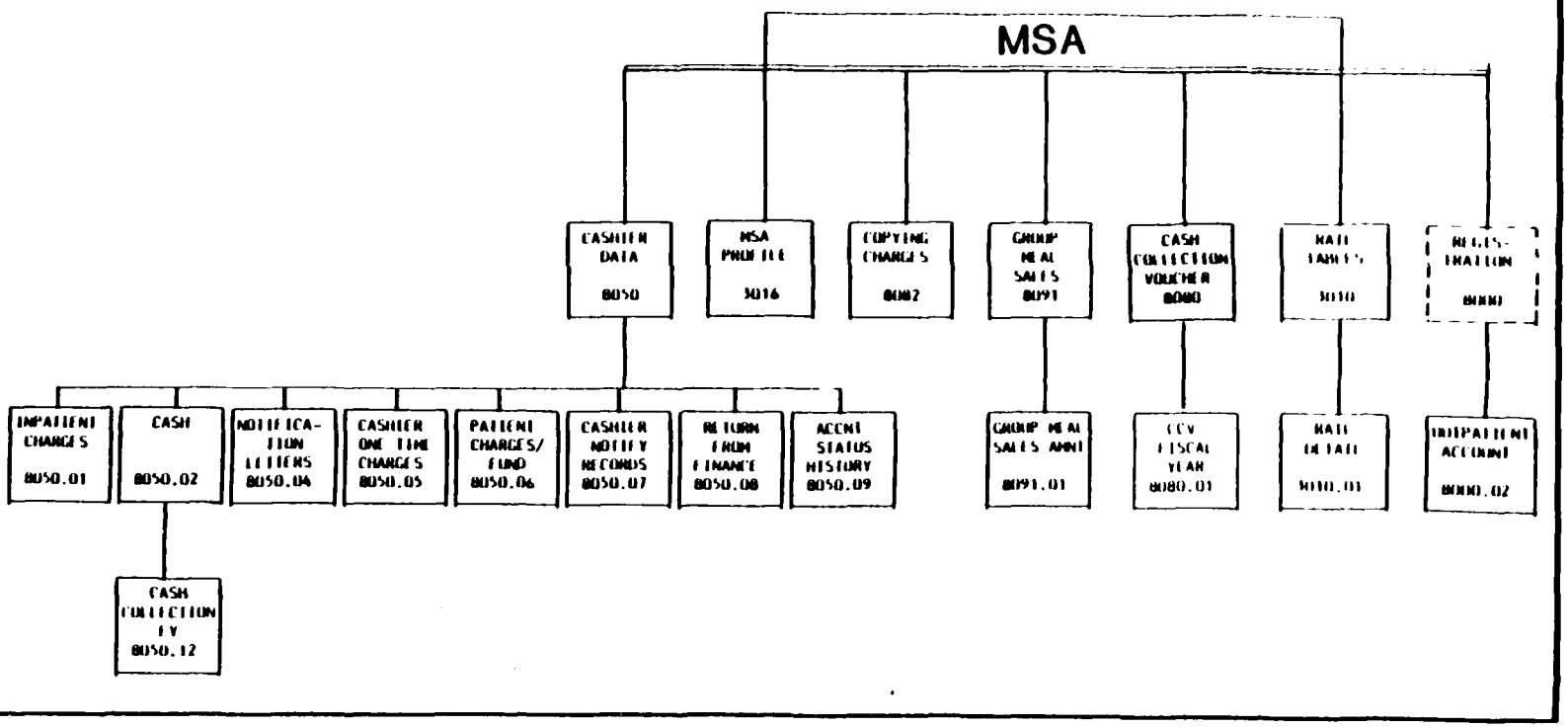

AQCESS CR FILE STRUCTURE
CR
CLINICAL RECORDS 7000
TRANSFER HISTORY 7000.01
DIAGNOSIS 7000.02
PROCEDURES 7000.03
NON-PROCEDURE PROVIDERS 7000.04
EPISODE DAYS 7000.05
ADMIN TEXT 7000.06
CLERK UPDATE TRACE 7000.07

Q171

AQCESS QA FILE STRUCTURE



AQCESS MSA FILE STRUCTURE

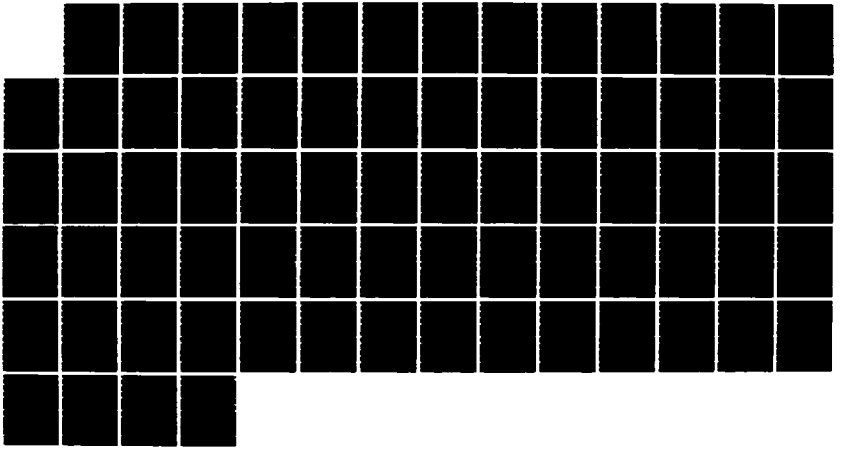


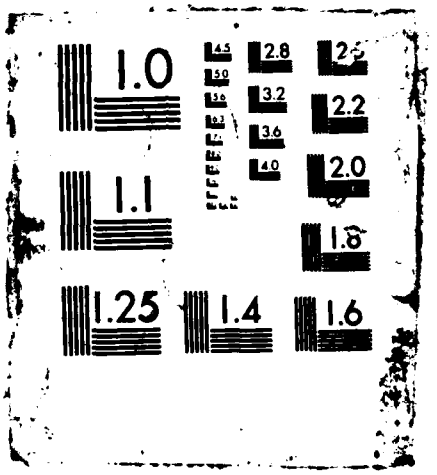
: This file is created in A&D when a patient is admitted (Inpatient).

: This subfile is created when a patient is registered in MSA to establish an Outpatient account.

AD-A178 922 AQCESS (AUTOMATED QUALITY OF CARE EVALUATION SUPPORT SYSTEM) AD HOC REPOR (U) NDC FEDERAL SYSTEMS INC ROCKVILLE MD JUN 86 DOD/SW/MT-87/010G 2/2

UNCLASSIFIED F/G 5/1 NL




1.0
1.1
1.25
1.4
1.6
1.8
2.0
2.2
2.5
2.8
3.2
3.6
4.0
4.5
5.0
5.6
6.3

INTRODUCTION TO SECTION 7

We can define AQCESS as a hierarchical database containing a characteristic top-down file structure. All selection criteria must be specified in an order that follows this top-down structure. Because of this top-down structure information cannot be selected, sorted or printed from two sub-files on the same level at the same time. For a schematic drawing of the AQCESS file structure see pages i-xi of this section. All reports in AQCESS are defined in terms of file numbers. Section 7 gives a list of all File ID and Field ID numbers available for AQCESS Ad Hoc. The report generator allows for the selecting, sorting, and printing of data from the different logical files only if there is a logical relationship between those files. Variables from any of the family of related files may be used in the definition of an Ad Hoc report.

Any given report can extract data from multiple files, but only one file can act as the primary file. If there is a data item in the primary file that defines a specific entry in a second file, the files are said to be logically related. Data from secondary files is available for reporting purposes only when it is related to an item in the primary file. For example, if you were writing a summary report listing the amount of money collected each day in the MSA office, you would not be able to include provider information from the Provider Profile because there is no relationship between the Cash Collection file and the Provider Profile.

The primary file for an Ad Hoc report is defined by its select and sort criteria. In the initial planning of a report, you first need to decide how to access the data you wish to report on. Once you have defined the primary file, the records of that file will be processed sequentially for selecting, sorting, and printing. However, the primary file may consist of thousands of records. Processing this large volume of records will be time consuming.

In the Admissions file (File 8000.01) there is a field called the RECORD STATUS FLAG that defines the status of each patient admission record. Possible field values include inpatient, dispositioned, in Clinical Records processing, waiting archive, cancelled, archived, or on medical hold (Navy only). The RECORD STATUS FLAG is a cross reference field for the admission subfile. There is also a RECORD STATUS FLAG in the Clinical Records file (7000) and an Account Status Flag in MSA. It allows rapid access to those records of a given status.

For example, if you wished to create a report on all the current inpatients, you could specify that the RECORD STATUS FLAG equal "I". The report selection program of Ad Hoc would access the Admission file by cross reference and would "read" only those records with a status of "I". The program would not search through the entire patient file looking for the records with this status.

All records that can be used as cross references are listed on the right-hand side of the file boxes on pages v-vi of this section.

FILE 1004 - DOCTOR FILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
AF ID CODE	2	FREE TEXT	6	F
CLINIC	1.6	POINTER	3	
DATE ASSIGNED TO MTF	1.4	DATE	11	
DELETE DATE	10	DATE	11	
DOCTOR NAME	1	FREE TEXT	30	
PRIM CARE PROVIDER CODE	.01	FREE TEXT	6	
SPECIALTY	1.5	FREE TEXT	30	
SSN	1.2	FREE TEXT	11	

FILE 1007 - INVALID LOGON FILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
ATTEMPT COUNT	5	NUMERIC	1	
LOGON DATE/TIME	.01	DATE/TIME	16	
PASSWORD	3	FREE TEXT	10	
TERMINAL NUMBER	4	NUMERIC	3	
USERCODE	2	FREE TEXT	10	

FILE 1011 - MTF PROFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
AUTO ER LOG NO FLAG	12	SET Y-YES N-NO	1	
AUTO REG NO FLAG	3	SET Y-AUTO REG NO ASSIGNMENT N-MANUAL REG NO ASSIGNMENT	1	
CR ARCHIVE MONTHS	23	NUMERIC	2	
DAYS TO DELINQUENCY OS LIST	9	NUMERIC	2	
DEERS SITE CODE	24	FREE TEXT	10	
DELINQ DAYS CR	22	NUMERIC	2	
DELINQ DAYS MEDREC COMP	10	NUMERIC	2	
EMBOSSER TYPE	25	TABLE 1003	1	
INCIDENT/PROBLEM MONTHS	31	NUMERIC	2	
INDEX CARDS PER SET	4	NUMERIC	2	
INVALID ATTEMPT COUNT	8	NUMERIC	1	
MINM PROMPT PULL PERCENT	33	NUMERIC	3	
MTF CITY	18	FREE TEXT	20	
MTF CODE	1	FREE TEXT	5	
MTF NAME	.01	FREE TEXT	30	
MTF SERVICE CODE	6	SET A-ARMY F-AIR FORCE N-NAVY	1	
MTF STATE	19	TABLE 1015		
MTF ZIP CODE	20	FREE TEXT	10	
PAD BLDG/ROOM	17	FREE TEXT	20	
PAD OFFICE SYMBOL	13	FREE TEXT	10	
PROVIDER PROFILE MONTHS	32	NUMERIC	2	
RPB	26	NUMERIC		(INTERNAL USE ONLY)
SIGNATURE BLOCK LINE 1	14	FREE TEXT	27	
SIGNATURE BLOCK LINE 2	15	FREE TEXT	27	
SIGNATURE BLOCK LINE 3	16	FREE TEXT	27	
STANDALONE QA	11	FREE TEXT	1	
SYSTEM INSTALL DATE	29	DATE	11	
TRAINING DATE	21	DATE	11	
TRAINING FLAG	7	FREE TEXT	1	
VERSION NUMBER	2	FREE TEXT	5	
WAITING ARCHIVE MONTHS	30	NUMERIC	1	
WAR	5	SET Y-YES N-NO	1	

FILE 1018 - USER ID PASSWORD FILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
CAPABILITIES	2	FREE TEXT	20	
CR SUPERVISOR	3	SET Y-YES	1	
DATE PASSWORD CHANGED	8	DATE	11	
INITIALS	4	FREE TEXT	3	
LOCKOUT FLAG	6	NUMERIC	1	
MSA SUPERVISOR	11	SET Y-YES	1	
PASSWORD	1	FREE TEXT	6	
SYSTEM MANAGER FLAG	3.5	SET Y-YES	1	
TRAINING FLAG	7	SET Y-YES	1	
TUTOR FLAG	5	SET Y-YES	1	
USER NAME	9	FREE TEXT	27	
USER CODE	.01	FREE TEXT	10	
WORK PHONE	10	FREE TEXT	8	

FILE 2007 - DISPOSITION TYPE FILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
AIR FORCE CODE	6	FREE TEXT	1	
ARMY CODE	5	FREE TEXT	1	
ARMY SHORT DESC	8	FREE TEXT	8	
DESCRIPTION	2	FREE TEXT	60	
DISP TYPE CODE	.01	FREE TEXT	4	
FLAGS*	3	FREE TEXT	5	
NAVY CODE	7	FREE TEXT	2	
SERVICE FLAG	4	FREE TEXT	3	

* See Section 6 for a discussion of data flags.

FILE 3010 - CHARGE RATE FILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
CUSTOMER NO	6	FREE TEXT	6	
DESCRIPTION	2	FREE TEXT	30	
FLAGS*	3	FREE TEXT	5	
SALES CODE	.01	FREE TEXT	4	
SUBSTITUTE APPR DIGITS	5	FREE TEXT	10	

* See Section 6 for a discussion of data flags.

FILE 3010.01 - RATE DETAIL SUBFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
FUND 1	2	NUMERIC	10	
FUND 2	3	NUMERIC	10	
FUND 3	4	NUMERIC	10	
FUND 4	5	NUMERIC	10	
FUND 5	6	NUMERIC	10	
FUND 6	7	NUMERIC	10	
FUND 7	8	NUMERIC	10	
FUND 8	9	NUMERIC	10	
FUND 9	10	NUMERIC	10	
RATE	1	NUMERIC	10	
RATE EFFECTIVE DATE	.01	DATE	11	

FILE 3016 - MSA PROFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
90 DAY INTEREST PENALTY	29	NUMERIC	2	A
AUTO TRANSFER FLAG	1	SET Y-YES N-NO	1	
CHECKS PAYABLE TO	12	FREE TEXT	30	
COMPANY CODE	.01	FREE TEXT	7	
CURRENT 1080 OFFICE BILLED	25	FREE TEXT	50	
DATE LAST RUN NIGHTLY RPT	18	DATE	11	
DAYS DD139 TO XFR	4	NUMERIC	2	F
DAYS TO DD139	3	NUMERIC	2	F
DAYS TO DEFUNCT 1080	6	NUMERIC	3	F
DAYS TO LETTER AFTER DD139	7	NUMERIC	2	F
DAYS TO TRANSFER	2	NUMERIC	3	
DD139 ADDRESSEE	13	FREE TEXT	28	
DD139 CITY ADDR	14	FREE TEXT	20	
DD139 STATE ADR	15	TABLE 1015	2	
DD139 ZIP CODE	16	FREE TEXT	10	
DEL LTR DAYS TO 1ST	5	NUMERIC	2	
DEL PROC/HANDLING FEE	28	NUMERIC	5	A
DELINQUENT AD APC	22	FREE TEXT	4	A
DELINQUENT AD CUSTOMER NO	21	FREE TEXT	6	A
DELINQUENT OTHER APC	24	FREE TEXT	4	A
DELINQUENT OTHER CUSTOMER NO	23	FREE TEXT	6	A
DISBURSING OFFICER	10	FREE TEXT	27	
I&R COPIES	31	NUMERIC	1	
INTEREST	27	NUMERIC	2	A
MSA OFFICE ADDR	9	FREE TEXT	28	
MSA OFFICER	8	FREE TEXT	40	
STATION SYMBOL NO	11	FREE TEXT	5	

FILE 6000 - INPATIENT OCCURRENCE SCREENING CHECKLIST

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
CR APPROVED FLAG	32	SET A-APPROVED	1	
DISCHARGE DATE	2	DATE	11	
FMP	3	FREE TEXT	2	
PROVIDER PRIMARY	1	TABLE 1004	6	
PROVIDER SPECIALTY	34	FREE TEXT	4	
Q01	5	SET Y-YES N-NO	1	
Q02	6	SET Y-YES N-NO	1	
Q03	7	SET Y-YES N-NO	1	
Q04	8	SET Y-YES N-NO	1	
Q05	9	SET Y-YES N-NO	1	
Q06	10	SET Y-YES N-NO	1	
Q07	11	SET Y-YES N-NO	1	
Q08	12	SET Y-YES N-NO	1	
Q09	13	SET Y-YES N-NO	1	
Q10	14	SET Y-YES N-NO	1	
Q11	15	SET Y-YES N-NO	1	
Q12	16	SET Y-YES N-NO	1	
Q13	17	SET Y-YES N-NO	1	
Q14	18	SET Y-YES N-NO	1	
Q15	19	SET Y-YES N-NO	1	
Q16	20	SET Y-YES N-NO	1	
Q17	21	SET Y-YES N-NO	1	
Q18	22	SET Y-YES N-NO	1	
Q19	23	SET Y-YES N-NO	1	
Q20	24	SET Y-YES N-NO	1	

FILE 6000 - INPATIENT OCCURRENCE SCREENING CHECKLIST (Cont'd.)

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
Q21	25	SET Y-YES N-NO	1	
Q22	26	SET Y-YES N-NO	1	
Q23	27	SET Y-YES N-NO	1	
Q24	28	SET Y-YES N-NO	1	
REGISTER NO	.01	FREE TEXT	8	
SSN	4	NUMERIC	9	
YES STRING FOR PULL	33	FREE TEXT	20	

FILE 6000.01 - IP OS AUDIT SUBFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
ACTION CODE 1-1	4	TABLE 6054	1	
ACTION CODE 1-2	5	SET 1-PROVIDER RELATED 2-NOT PROVIDER RELATED	1	
ACTION CODE 1-3	6	TABLE 6055	1	
ACTION CODE 1-4	7	SET Y-ENTERED INTO PROFILE N-NOT ENTERED INTO PROFILE	1	
ACTION CODE 2-1	11	TABLE 6054	1	
ACTION CODE 2-2	12	SET 1-PROVIDER RELATED 2-NOT PROVIDER RELATED	1	
ACTION CODE 2-3	13	TABLE 6054	1	
ACTION CODE 2-4	14	SET Y-ENTER INTO INTO PROFILE N-NOT ENTERED INTO PROFILE	1	
ACTION CODE 3-1	18	TABLE 6054	1	
ACTION CODE 3-2	19	SET 1-PROVIDER RELATED 2-NOT PROVIDER RELATED	1	
ACTION CODE 3-3	20	TABLE 6055	1	
ACTION CODE 3-4	21	SET Y-ENTER INTO PROFILE SET N-NOT ENTERED INTO PROFILE	1	
DATE DUE 1	2	DATE	11	
DATE DUE 2	9	DATE	11	
DATE DUE 3	16	DATE	11	
DATE IN 1	3	DATE	11	
DATE IN 2	10	DATE	11	
DATE IN 3	17	DATE	11	
DATE OUT 1	1	DATE	11	
DATE OUT 2	8	DATE	11	
DATE OUT 3	15	DATE	11	
PROVIDER-1	30	TABLE 1004	6	
PROVIDER-2	31	TABLE 1004	6	
PROVIDER-3	32	TABLE 1004	6	
PROVIDER-4	33	TABLE 1004	6	
PROVIDER-5	34	TABLE 1004	6	
PVD-SPEC-1	35	FREE TEXT	4	
PVD-SPEC-2	36	FREE TEXT	4	
PVD-SPEC-3	37	FREE TEXT	4	
PVD-SPEC-4	38	FREE TEXT	4	
PVD-SPEC-5	39	FREE TEXT	4	

FILE 6000.02 - IP OS CLERK EDIT SUBFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
CLERK EDIT SUBFILE	.01	DATE/TIME	16	
CLERK INITIALS	2	FREE TEXT	3	

FILE 6001 - EMERGENCY SERVICE OCCURRENCE SCREENING CHECKLIST

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
DATE/TIME OF TREATMENT	4	DATE/TIME	16	
DEFAULT QUESTION 1	27	FREE TEXT	1	
ER LOB NBR	.001			
ER LOG NUMBER	.01	NUMERIC	7	
FILLER1	2	FREE TEXT	99	
FILLER2	3	FREE TEXT	1	
PROVIDER	5	TABLE 1004	6	
Q01	6	SET Y-YES N-NO	1	
Q02	7	SET Y-YES N-NO	1	
Q03	8	SET Y-YES N-NO	1	
Q04	9	SET Y-YES N-NO	1	
Q05	10	SET Y-YES N-NO	1	
Q06	11	SET Y-YES N-NO	1	
Q07	12	SET Y-YES N-NO	1	
Q08	13	SET Y-YES N-NO	1	
Q09	14	SET Y-YES N-NO	1	
Q10	15	SET Y-YES N-NO	1	
Q11	16	SET Y-YES N-NO	1	
Q12	17	SET Y-YES N-NO	1	
Q13	18	SET Y-YES N-NO	1	
Q14	19	SET Y-YES N-NO	1	
Q15	20	SET Y-YES N-NO	1	
Q16	21	SET Y-YES N-NO	1	
Q17	22	SET Y-YES N-NO	1	
Q18	23	SET Y-YES N-NO	1	

FILE 6001.01 - ER OS AUDIT SUBFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
ACTION CODE 1-1	4	TABLE 6054	1	
ACTION CODE 1-2	5	SET 1-PROVIDER RELATED 2-NOT PROVIDER RELATED	1	
ACTION CODE 1-3	6	TABLE 6055	1	
ACTION CODE 1-4	7	SET Y-ENTERED INTO PROFILE N-NOT ENTERED INTO PROFILE	1	
ACTION CODE 2-1	11	TABLE 6054	1	
ACTION CODE 2-2	12	SET 1-PROVIDER RELATED 2-NOT PROVIDER RELATED	1	
ACTION CODE 2-3	13	TABLE 6055	1	
ACTION CODE 2-4	14	SET Y-ENTER INTO PROFILE N-NOT ENTERED INTO PROFILE	1	
ACTION CODE 3-1	18	TABLE 6054	1	
ACTION CODE 3-2	19	SET 1-PROVIDER RELATED 2-NOT PROVIDER PROFILE	1	
ACTION CODE 3-3	20	TABLE 6055	1	
ACTION CODE 3-4	21	SET Y-ENTER INTO PROFILE N-NOT ENTERED INTO PROFILE	1	
AUDIT SUBFILE	.01	NUMERIC	2	
DATE DUE 1	2	DATE	11	
DATE DUE 2	9	DATE	11	
DATE DUE 3	16	DATE	11	
DATE IN 1	3	DATE	11	
DATE IN 2	10	DATE	11	
DATE IN 3	17	DATE	11	
DATE OUT 1	1	DATE	11	
DATE OUT 2	8	DATE	11	
DATE OUT 3	15	DATE	11	
PROVIDER-1	30	TABLE 1004	6	
PROVIDER-2	31	TABLE 1004	6	
PROVIDER-3	32	TABLE 1004	6	
PROVIDER-4	33	TABLE 1004	6	
PROVIDER-5	34	TABLE 1004	6	
PVD-SPEC-1	35	FREE TEXT	4	
PVD-SPEC-2	36	FREE TEXT	4	
PVD-SPEC-3	37	FREE TEXT	4	
PVD-SPEC-4	38	FREE TEXT	4	
PVD-SPEC-5	39	FREE TEXT	4	

FILE 6001.02 - ER OS CLERK TRACE SUBFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
CLERK	.01	DATE/TIME	16	
CLERK INITIALS	1	FREE TEXT	3	

FILE 6005 - EMERGENCY SERVICES PATIENTS FILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
FMP*	2	TABLE 1012	2	
NAME	.01	FREE TEXT	27	
SSN	3	FREE TEXT	11	

* See Section 6 for a discussion of data flags.

FILE 6005.01 - EMERGENCY SERVICES LOG NUMBER

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
ER LOG NUMBER	.01	NUMERIC	7	
YES LIST FOR PULL	2	FREE TEXT	60	

FILE 6010 - QA INCIDENTS FILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
ACTION CODE 1-1	16	TABLE 6054	1	
ACTION CODE 1-2	17	SET 1-PROVIDER RELATED 2-NOT PROVIDER RELATED	1	
ACTION CODE 1-3	18	TABLE 6055	1	
ACTION CODE 1-4	19	SET Y-ENTERED INTO PROFILE N-NOT ENTER INTO PROFILE	1	
ACTION CODE 2-1	20	TABLE 6054	1	
ACTION CODE 2-2	21	SET 1-PROVIDER RELATED 2-NOT PROVIDER RELATED	1	
ACTION CODE 2-3	22	TABLE 6055	1	
ACTION CODE 2-4	23	SET Y-ENTERED INTO PROFILE N-NOT ENTER INTO PROFILE	1	
ACTION CODE 3-1	25	TABLE 6054	1	
ACTION CODE 3-2	26	SET 1-PROVIDER RELATED 2-NOT PROVIDER PROFILE	1	
ACTION CODE 3-3	27	TABLE 6055	1	
ACTION CODE 3-4	28	SET Y-ENTERED INTO PROFILE N-NOT ENTER INTO PROFILE	1	
DATE ACTION 1	15	DATE	11	
DATE ACTION 2	19.5	DATE	11	
DATE ACTION 3	24	DATE	11	
DATE JAG REVIEW	14	DATE	11	
DATE REC BY RISK MGR	12	DATE	11	
DATE/TIME OF INCIDENT	1	DATE/TIME	16	
INCIDENT LOCATION	8	FREE TEXT	20	
INCIDENT LOG NO	.01	FREE TEXT	6	
INCIDENT PERSON TYPE	2	FREE TEXT	15	
INCIDENT RESULT	11	SET Y-INJURY N-NO INJURY	1	
INCIDENT TYPE	7	FREE TEXT	20	
JAG REVIEW	13	SET Y-YES N-NO	1	

FILE 6010 - QA INCIDENTS FILE (Cont'd.)

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
PERSON FMP*	4	TABLE 1012	2	
PERSON NAME	3	FREE TEXT	27	
PERSON REG NO	6	FREE TEXT	8	
PERSON SSN	5	FREE TEXT	11	
PERSONNEL INVOLVED INCIDENT	9	FREE TEXT	15	
PERSONNEL REPORTING INCIDENT	10	FREE TEXT	15	

* See Section 6 for a discussion of data flags.

FILE 6010.01 - INCIDENT CLERK TRACE SUBFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
CLERK INITIALS	1	FREE TEXT	3	
DATE/TIME UPDATED	.01	DATE/TIME	16	

FILE 6020 - QA PROBLEM FILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
DATE PRESENTED	2	DATE	11	
IMPACT 1	8	FREE TEXT	78	
IMPACT 2	9	FREE TEXT	78	
PROBLEM NO	.01	FREE TEXT	6	
REFERRAL ACTIVITY	3	FREE TEXT	15	
RESOLVE FLAG	12	SET Y-YES N-NO	1	

FILE 6020.01 - QA PROBLEM AUDIT CLERK TRACE SUBFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
CLERK INITIALS	1	FREE TEXT	3	
CLERK TRACE	.01	DATE	11	

FILE 6020.02 - QA PROBLEM AUDIT HISTORY SUBFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
ACTION ACTIVITY	1	FREE TEXT	15	
ACTION TAKEN	2	FREE TEXT	70	
FOLLOWUP DATE	3	DATE	11	
STATUS DATE	.01	DATE	11	

FILE 6030 - PROVIDER PROFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
ANTIBIOTIC VAR	30	NUMERIC	6	
ANTIBIOTIC VAR 2	50	NUMERIC	6	
ANTIBIOTIC VAR 3	62	NUMERIC	6	
ANTIBIOTIC VAR 4	74	NUMERIC	6	
ANTIBIOTIC VAR 5	86	NUMERIC	6	
ANTIBIOTIC VAR 6	98	NUMERIC	6	
ANTIBIOTIC VAR 7	110	NUMERIC	6	
CAL YEAR 1	32	NUMERIC	2	
CAL YEAR 2	34	NUMERIC	2	
CAL YEAR 3	36	NUMERIC	2	
CONTINUING ED HR 1	33	NUMERIC	3	
CONTINUING ED HR 2	35	NUMERIC	3	
CONTINUING ED HR 3	37	NUMERIC	3	
DATE ACLS CERT	3	DATE	11	
DATE ATLS CERT	4	DATE	11	
DATE CPR TRAINING	2	DATE	11	
DATE CRED RENEWAL	5	DATE	11	
DATE LICENSE RENEWAL	6	DATE	11	
DEATH	39	NUMERIC	6	
DEATHS 2	52	NUMERIC	6	
DEATHS 3	64	NUMERIC	6	
DEATHS 4	76	NUMERIC	6	
DEATHS 5	88	NUMERIC	6	
DEATHS 6	100	NUMERIC	6	
DEATHS 7	112	NUMERIC	6	
MALPRACTICE CLAIMS FILED	26	NUMERIC	6	
MALPRACTICE CLAIMS FILED 2	46	NUMERIC	6	
MALPRACTICE CLAIMS FILED 3	58	NUMERIC	6	
MALPRACTICE CLAIMS FILED 4	70	NUMERIC	6	
MALPRACTICE CLAIMS FILED 5	82	NUMERIC	6	
MALPRACTICE CLAIMS FILED 6	94	NUMERIC	6	
MALPRACTICE CLAIMS FILED 7	106	NUMERIC	6	
MED REC DEFICIENCIES	28	NUMERIC	6	
MED REC DEFICIENCIES 2	48	NUMERIC	6	
MED REC DEFICIENCIES 3	60	NUMERIC	6	
MED REC DEFICIENCIES 4	72	NUMERIC	6	
MED REC DEFICIENCIES 5	84	NUMERIC	6	
MED REC DEFICIENCIES 6	96	NUMERIC	6	
MED REC DEFICIENCIES 7	108	NUMERIC	6	
MED REC DELINQUENCIES	24	NUMERIC	6	
MED REC DELINQUENCIES 2	44	NUMERIC	6	
MED REC DELINQUENCIES 3	56	NUMERIC	6	
MED REC DELINQUENCIES 4	68	NUMERIC	6	
MED REC DELINQUENCIES 5	80	NUMERIC	6	

FILE 6030 - PROVIDER PROFILE (Cont'd.)

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
MED REC DELINQUENCIES 6	92	NUMERIC	6	
MED REC DELINQUENCIES 7	104	NUMERIC	6	
MTF ASSIGNMENT DATE	8	DATE	11	
PATIENTS DISCHARGED	22	NUMERIC	6	
PATIENTS DISCHARGED 2	42	NUMERIC	6	
PATIENTS DISCHARGED 3	54	NUMERIC	6	
PATIENTS DISCHARGED 4	66	NUMERIC	6	
PATIENTS DISCHARGED 5	78	NUMERIC	6	
PATIENTS DISCHARGED 6	90	NUMERIC	6	
PATIENTS DISCHARGED 7	102	NUMERIC	6	
POSTING DATE	40	DATE	11	
POSTING DATE 2	41	DATE	11	
POSTING DATE 3	53	DATE	11	
POSTING DATE 4	65	DATE	11	
POSTING DATE 5	77	DATE	11	
POSTING DATE 6	89	DATE	11	
POSTING DATE 7	101	DATE	11	
PROCEDURES PERFORMED	23	NUMERIC	6	
PROCEDURES PERFORMED 2	43	NUMERIC	6	
PROCEDURES PERFORMED 3	55	NUMERIC	6	
PROCEDURES PERFORMED 4	67	NUMERIC	6	
PROCEDURES PERFORMED 5	79	NUMERIC	6	
PROCEDURES PERFORMED 6	91	NUMERIC	6	
PROCEDURES PERFORMED 7	103	NUMERIC	6	
PROVIDER ID	.01	TABLE 1004	6	
QA ID CODE	38	NUMERIC	9	
SCRAMBLED SSN	9	FREE TEXT	11	
STATE OF LICENSE	7	TABLE 1015	2	
SURG PNT NORM TISS	29	NUMERIC	6	
SURG PNT NORM TISS 2	49	NUMERIC	6	
SURG PNT NORM TISS 3	61	NUMERIC	6	
SURG PNT NORM TISS 4	73	NUMERIC	6	
SURG PNT NORM TISS 5	85	NUMERIC	6	
SURG PNT NORM TISS 6	97	NUMERIC	6	
SURG PNT NORM TISS 7	109	NUMERIC	6	
TRANSFUSION VARIATIONS	31	NUMERIC	6	
TRANSFUSION VARIATIONS 2	51	NUMERIC	6	
TRANSFUSION VARIATIONS 3	63	NUMERIC	6	
TRANSFUSION VARIATIONS 4	75	NUMERIC	6	
TRANSFUSION VARIATIONS 5	87	NUMERIC	6	
TRANSFUSION VARIATIONS 6	99	NUMERIC	6	
TRANSFUSION VARIATIONS 7	111	NUMERIC	6	
VALIDATED OS VARIATIONS	25	NUMERIC	6	
VALIDATED OS VARIATIONS 2	45	NUMERIC	6	
VALIDATED OS VARIATIONS 3	57	NUMERIC	6	
VALIDATED OS VARIATIONS 4	69	NUMERIC	6	

FILE 6030 - PROVIDER PROFILE (Cont'd.)

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
VALIDATED OS VARIATIONS 5	81	NUMERIC	6	
VALIDATED OS VARIATIONS 6	93	NUMERIC	6	
VALIDATED OS VARIATIONS 7	105	NUMERIC	6	
VALIDATED PNT COMPLAINTS	27	NUMERIC	6	
VALIDATED PNT COMPLAINTS 2	47	NUMERIC	6	
VALIDATED PNT COMPLAINTS 3	59	NUMERIC	6	
VALIDATED PNT COMPLAINTS 4	71	NUMERIC	6	
VALIDATED PNT COMPLAINTS 5	83	NUMERIC	6	
VALIDATED PNT COMPLAINTS 6	95	NUMERIC	6	
VALIDATED PNT COMPLAINTS 7	107	NUMERIC	6	

FILE 6030.01 - PROVIDER PROFILE CLERK TRACE SUBFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
CLERK INITIALS	1	FREE TEXT	3	
CLERK TRACE	.01	DATE	11	

FILE 7000 - CLINICAL RECORDS FILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
ADMIT DATE	9	DATE	11	
ADMIT DATE TAPE	9.5	DATE	11	
AERONAUTICAL RATING	104	TABLE 1009	1	
AGE	63	FREE TEXT	3	
ANESTHETIC RISK CODE	67	NUMERIC	5	
ATTENDING PHYS/PROVIDER	65	TABLE 1004	6	
AUTHORIZED SIGNER FOR REPORT	25	TABLE 4000	3	
BRANCH OF SERVICE	116	TABLE 1023	2	
CAUSE INJ BYTE 1	82.5	TABLE 2016	1	F,N
CAUSE OF DEATH/SEPARATION	79	TABLE 4001	1	
CAUSE OF INJ CODE	83	TABLE 2009	3	
CAUSE OF INJ TEXT 1	84	FREE TEXT	41	
CAUSE OF INJ TEXT 2	85	FREE TEXT	79	
CAUSE OF INJ TEXT 3	86	FREE TEXT	79	
CIV HOSP TRANSFERRED TO	68	FREE TEXT	27	
CIVILIAN OCCUPATION	107	FREE TEXT	25	
CONV LEAVE RECOMMENDED	73	NUMERIC	2	F,N
CORRECTED RECORD FLAG	28	SET C-CORRECTED	1	A
DATE OF INITIAL PROCEDURE	81	DATE	11	N
DATE RECORD LAST EDITED	21	DATE	11	
DAYS ALL MTF 1	206	NUMERIC	3	
DAYS ALL MTF 2	207	NUMERIC	3	
DAYS ALL MTF 3	208	NUMERIC	3	
DAYS ALL MTF 4	209	NUMERIC	3	
DAYS ALL MTF 5	210	NUMERIC	3	
DAYS MTF 1	200	NUMERIC	3	
DAYS MTF 2	201	NUMERIC	3	
DAYS MTF 3	202	NUMERIC	3	
DAYS MTF 4	203	NUMERIC	3	
DAYS MTF 5	204	NUMERIC	3	
DELINQUENCY POSTED DATE	260	DATE	11	
DISC NOTE DICT COMP	236	DATE	11	
DISC NOTE MISSING DICT	235	SET X-MISSING	1	
DISC NOTE MISSING SIG	233	SET X-MISSING	1	
DISC NOTE PRVDR	232	TABLE 1004	6	
DISC NOTE SIG COMP	234	DATE	11	
DISC ORDER DICT COMP	231	DATE	11	
DISC ORDER MISSING DICT	230	SET X-MISSING	1	
DISC ORDER MISSING SIG	228	SET X-MISSING	1	
DISC ORDER PRVDR	227	TABLE 1004	6	
DISC ORDER SIG COMP	229	DATE	11	
DISP CLN SERV*	61	TABLE 2005	4	

* See Section 6 for a discussion of data flags.

FILE 7000 - CLINICAL RECORDS FILE (Cont'd.)

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
DISP DATE/TIME	11	DATE/TIME	16	
DISP TYPE SCREEN	13	FREE TEXT	4	
DISP TYPE TAPE	14	FREE TEXT	4	
DOB	5	DATE	11	
DUTY ADDRESS	117	FREE TEXT	28	
DUTY CITY	118	FREE TEXT	20	
DUTY STATE	119	TABLE 1015	2	
DUTY ZIP	120	FREE TEXT	9	
FLYING STATUS	124	TABLE 1014	2	
FMP*	3	TABLE 1012	2	
HIST PHY DICT COMP	238	DATE	11	
HIST PHY MISSING DICT	217	SET X-MISSING	1	
HIST PHY PRVDR	214	TABLE 1004	6	
HIST PHY SIG	215	SET X-MISSING	1	
HIST PHY SIG DATE	216	DATE	11	
INIT ADMIT DATE TAPE	15	DATE	11	
MARITAL STATUS	101	SET	1	
MILITARY OCCUPATION	106	TABLE 1029	4	
MODE TRANSIT OUT	66	SET A-AMBULANCE E-AIR EVAC H-HELICOPTER S-SHIP O-OTHER	1	
MTF TRANSFERRED TO	62	FREE TEXT	6	
NARR DICT COMP	239	DATE	11	
NARR MISSING DICT	221	SET X-MISSING	1	
NARR MISSING SIG	219	SET X-MISSING	1	
NARR SIG DATE COMP	220	DATE	11	
NARRATIVE PRVDR	218	TABLE 1004	6	
NURSING WARD	237	TABLE 8010	4	
NURSE WARD 2	237.1	TABLE 8010	4	
NURSE WARD 3	237.2	TABLE 8010	4	
OP DICT COMP	226	DATE	11	
OP MISSING DICT	225	SET X-MISSING	1	
OP MISSING SIG	223	SET X-MISSING	1	
OP REPORT PRVDR	222	TABLE 1004	6	
OP SIG DATE	224	DATE	11	
OTHER SIG 1	243	TABLE 1004	6	
OTHER SIG 1 COMP	244	DATE	11	
OTHER SIG 2	245	TABLE 1004	6	
OTHER SIG 2 COMP	246	DATE	11	
OTHER SIG 3	247	TABLE 1004	6	
OTHER SIG 3 COMP	248	DATE	11	
OTHER SIG 4	249	TABLE 1004	6	

* See Section 6 for a discussion of data flags.

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
OTHER SIG 4 COMP	250	DATE	11	
OTHER SIG 5	251	TABLE 1004	6	
OTHER SIG 5 COMP	252	DATE	11	
OTHER SIG 6	253	TABLE 1004	6	
OTHER SIG 6 COMP	254	DATE	11	
OTHER SIG 7	255	TABLE 1004	6	
OTHER SIG 7 COMP	256	DATE	11	
OTHER SIG 8	257	TABLE 1004	6	
OTHER SIG 8 COMP	258	DATE	11	
PATIENT CATEGORY*	100	TABLE 1002	3	
PATIENT CITY	109	FREE TEXT	20	
PATIENT HM PHONE	112	FREE TEXT	14	
PATIENT NAME	2	FREE TEXT	27	
PATIENT STATE	110	TABLE 1015	2	
PATIENT STREET	108	FREE TEXT	28	
PATIENT WK PHONE	113	FREE TEXT	14	
PATIENT ZIP	111	FREE TEXT	9	
PAY GRADE	122	FREE TEXT	2	
PHYS ORDERING DISP	12	TABLE 1004	6	
PRESENTATION OF FETUS1	75	TABLE 4005	2	F
PRES FET2	76	TABLE 4005	2	F
PRES FET3	77	TABLE 4005	2	F
PRES FET4	78	TABLE 4005	2	F
PRIMARY MTF	114	TABLE 1005	6	
RACE	102	TABLE 1024	1	
REASON FOR RELEASE	26	FREE TEXT	35	
REC TRK NOTES 1	241	FREE TEXT	70	
REC TRK NOTES 2	242	FREE TEXT	70	
REC TRK START DATE	212	DATE	11	
RECORD CLERK	20	FREE TEXT	3	
RECORD STATUS	22	SET A-APPROVED D-DELETED I-INCOMPLETE P-PROJECTED R-RELEASED TO A&DL T-TAPE W-WAITING APPROVAL X-REJECTED	1	
RECORD TRACK STATUS	240	TABLE 4013	1	
REGISTER NUMBER	.01	FREE TEXT	8	
RELIGION	103	TABLE 1000	3	
RESIDUAL DISABILITY	71	FREE TEXT	3	A
SERVICE CODE	105	TABLE 1014	2	
SEX	6	SET M-MALE F-FEMALE Z-UNKNOWN	1	

*See Appendix D for a discussion of data flags.

FILE 7000 - CLINICAL RECORDS FILE (Cont'd.)

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
SOURCE OF ADM SCREEN	7	FREE TEXT	3	
SOURCE OF ADM TAPE	8	FREE TEXT	3	
SPONSOR NAME	115	FREE TEXT	27	
SPONSOR RANK	123	TABLE 1006	3	
SSN	4	FREE TEXT	11	
SUSPENSE DATE	213	DATE	11	
TAPE DATE	23	DATE	11	
TOT BED DAYS	17	NUMERIC	3	
TOT DAYS THIS MTF (EPI)	18	NUMERIC	3	
TOT NON-BED DAYS	16	NUMERIC	3	
TOT NUM OF EPI RECORDS	19	NUMERIC	3	
TOTAL DAYS IN TRANSIT	259	NUMERIC	5	
TOTAL SICK DAYS ALL MTF	211	NUMERIC	3	
TOTAL SICK DAYS THIS MTF	205	NUMERIC	3	
TRANSFER VA HOSP/AUTOPSY	69	SET V-TRANSFERRED TO VA HOSPITAL A-AUTOPSY PERFORMED ON PATIENT	1	A
TYPE CASE*	64	TABLE 2004	3	
UNIT ID	121	FREE TEXT	9	
UNITS WHOLE BLOOD	72	NUMERIC	4	
VOLUME PACKED CELLS	74	NUMERIC	4	
WARD	10	FREE TEXT	4	

* See Section 6 for a discussion of data flags.

FILE 7000.01 - CR TRANSFER HISTORY SUBFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
ABSENT SICK DAYS	5	NUMERIC	4	
ADMIT DATE	2	DATE	11	
BED DAYS	4	NUMERIC	4	
CONV LV DAYS	6	NUMERIC	4	
COOP CARE	10	NUMERIC	4	
DAYS IN TRANSIT	12	NUMERIC	4	
DISPOSITION DATE	3	DATE	11	
MODE OF TRANSIT	11	SET A-AMBULANCE E-AIR EVAC H-HELICOPTER S-SHIP O-OTHER	1	F
MTF TRANSFERRED FROM	1	FREE TEXT	4	
OTHER DAYS	8	NUMERIC	4	
SUPPLEMENTAL CARE DAYS	7	NUMERIC	4	

FILE 7000.02 - CR DIAGNOSES SUBFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
CAUSE INJ	4	TABLE 2009	3	N
CAUSE BYTE 1	3.5	TABLE 2016	1	N
ICD1 CODE	1	FREE TEXT	6	
ICD1A	2	TABLE 4002	1	
IDC1B	3	TABLE 4003	1	
OCCUP RELATED	4.5	SET Y-YES N-NO	1	N
ICD TEXT LINE 1	6	FREE TEXT	70	
ICD TEXT LINE 2	7	FREE TEXT	70	

FILE 7000.03 - CR PROCEDURES SUBFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
NUMBER OF OCCURRENCES OF PROCD	3	NUMERIC	2	
PROCEDURE CODE	1	TABLE 9002	4	
PROCEDURE START DATE	4	DATE	11	
PROCEDURE STOP DATE	5	DATE	11	
PROCEDURE TEXT LINE 1	9	FREE TEXT	64	
PROCEDURE TEXT LINE 2	10	FREE TEXT	64	
PROVIDER1	6	TABLE 1004	6	
PROVIDER2	7	TABLE 1004	6	
PROVIDER3	8	TABLE 1004	6	
WHERE PROCEDURE PERFORMED*	2	TABLE 4009	1	

* See Section 6 for a discussion of data flags.

FILE 7000.04 - CR NON-PROCEDURAL PROVIDERS SUBFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
NON PROC PROVIDERS	.01	TABLE 1004	6	
NPP2	2	TABLE 1004	6	
NPP3	3	TABLE 1004	6	

FILE 7000.05 - CR EPISODE DAYS SUBFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
ABSENT STATUS	3	TABLE 2002	2	
BEDDAYS	5	NUMERIC	3	
CLINICAL SVC	2	TABLE 2005	4	
DAYS	4	NUMERIC	3	
EPISODE EFFECT DATE	1	DATE	11	
NON-BED DAYS	6	NUMERIC	3	
TOTAL DISPLAY	7	FREE TEXT	6	

FILE 7000.06 - CR ADMINISTRATIVE TEXT SUBFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
LONG LINE	2	FREE TEXT	76	
SHORT LINE	1	FREE TEXT	49	

FILE 8000 - REGISTRATION FILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
AERONAUTICAL RATING	13	TABLE 1009	1	A,F
CIVILIAN OCCUPATION	16	FREE TEXT	25	A,F
COMMAND INTEREST 1	31	TABLE 1016	3	
COMMAND INTEREST 2	32	TABLE 1016	3	
COMMAND INTEREST 3	33	TABLE 1016	3	
CURRENT REGISTER NUMBER	17	FREE TEXT	8	
DATE LAST ADM	34	DATE	11	
DATE LAST DISP	35	DATE	11	
DOB (DATE OF BIRTH)	5	DATE	11	
DUTY ADDRESS	45	FREE TEXT	28	
DUTY CITY	46	FREE TEXT	20	
DUTY STATE	47	TABLE 1015	2	
DUTY ZIP CODE	48	FREE TEXT	10	
FLYING STATUS	12	TABLE 1014	2	
FMP	3	TABLE 1012	2	
HOME PHONE	25	FREE TEXT	19	
HOME STATE	24	TABLE 1015	3	A
ID CARD DATE	27	DATE (INDEF)	11	A,N
ID CARD NUMBER	28	FREE TEXT	10	N
MAJOR COMMAND	44	TABLE 1017	3	F
MARITAL STATUS	8	SET D-DIVORCED A-ANNULLED S-SINGLE I-INTERLOCUTORY L-LEGALLY SEPARATED M-MARRIED W-WIDOWED Z-UNKNOWN	1	
MILITARY SPECIALTY	15	TABLE 1029	5	
PATIENT CATEGORY*	6	TABLE 1002	3	
PATIENT CITY	21	FREE TEXT	20	
PATIENT NAME	.01	FREE TEXT	27	
PATIENT STATE	22	TABLE 1015	2	
PATIENT STREET ADDRESS	20	FREE TEXT	28	
PAY GRADE	42	Calculated from Table 1006	2	
PREVIOUS REGISTER NUMBER	18	FREE TEXT	8	
PRIMARY CARE PROVIDER	29	TABLE 1004	6	
PRIMARY MTF*	30	TABLE 1005	6	
RACE	9	TABLE 1024	1	
RECORD LAST UPDATED	19	DATE	11	
RELIGION	10	TABLE 1000	3	
REMARKS	37	FREE TEXT	70	

*** See Section 6 for a discussion of data flags.**

FILE 8000 - REGISTRATION FILE (Cont'd.)

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
SERVICE	43	TABLE 1023	2	
SEX	7	SET M-MALE F-FEMALE Z-UNKNOWN	1	
SPONSOR NAME	40	FREE TEXT	27	
SPONSOR RANK	41	TABLE 1006	3	
SPONSOR SMPT	54	NUMERIC	10	
SSN (SOCIAL SECURITY NUMBER)	4	FREE TEXT	11	
UNIT ID	49	FREE TEXT	9	
VERIFY DATE	39	DATE	11	
VERIFY FLAG	38	FREE TEXT	3	
WORK PHONE	26	FREE TEXT	19	
ZIP CODE	23	FREE TEXT	9	

FILE 8000.01 - ADMISSION FILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
ABSENT STATUS*	50	TABLE 2002	2	
ABSENT STATUS DATE/TIME	51	DATE/TIME	16	
ADM CLERK	35	FREE TEXT	3	
ADM DATE/TIME	2	DATE/TIME	16	
ADM DIAG CODE	4	TABLE 9001	5	
ADM DIAG TEXT	16	FREE TEXT	50	
ADM PHYSICIAN	27	TABLE 1004	6	
ADM REMARKS	34	FREE TEXT	66	
ARCHIVE DATE	91	DATE	11	
ATTENDING PHYS DATE ASSIGN	19	DATE	11	
ATTENDING PHYSICIAN	7	TABLE 1004	6	
BED	83	FREE TEXT	2	
CANCEL CLERK	77	FREE TEXT	3	
CANCEL DATE	79	DATE	11	
CANCEL PHYS AUTH	78	TABLE 1004	6	
CANCEL REASON	80	FREE TEXT	50	
CANCEL REG NUMBER	20	FREE TEXT	8	
CASUALTY DATE COMMAND NOTIFIED	107	DATE	11	
CASUALTY DATE NOK NOTIFIED	72	DATE	11	
CASUALTY DIAGNOSIS	71	FREE TEXT	25	
CASUALTY ROSTER DATE	73	DATE	11	
CASUALTY ROSTER DATE REM	75	DATE	11	
CASUALTY STATUS*	70	TABLE 2011	3	
CASUALTY STATUS DATE CHG	84	DATE	11	
CAUSE INJ CODE	88	TABLE 2009	3	
CAUSE INJ TEXT PT 1	89	FREE TEXT	41	
CAUSE INJ TEXT PT 2	90	FREE TEXT	79	
CIVILIAN PHYSICIAN NAME	61	FREE TEXT	27	
CIVILIAN PHYSICIAN PHONE	62	FREE TEXT	18	
CLIN SERVICE*	8	TABLE 2005	4	
CLIN SVC DATE/TIME ASSIGNED	14	DATE/TIME	16	
COORD MED OFFICER	60	FREE TEXT	27	
COUNTRY OF ADM	85	TABLE 1015	2	A
DATE ADM ENTERED	21	DATE	11	
DATE DISP ENTERED	26	DATE	11	
DISP CLERK	76	FREE TEXT	3	
DISP DATE/TIME	3	DATE/TIME	16	
DISP MTF*	11	TABLE 1005	6	
DISP PHYS AUTH	101	TABLE 1004	6	
DISP PHYS ORDERING	100	TABLE 1004	6	
DISP TYPE	10	TABLE 2007	4	
DR (DENTAL RECORD)	29	SET Y-YES N-NO	1	N
EMERGENCY ADDRESS	45	FREE TEXT	28	

*** See Section 6 for a discussion of data flags.**

FILE 8000.01 - ADMISSION FILE (Cont'd.)

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
EMERGENCY CITY	46	FREE TEXT	20	
EMERGENCY NAME	43	FREE TEXT	27	
EMERGENCY PHONE	49	FREE TEXT	14	
EMERGENCY RELATION	44	TABLE 2012	12	
EMERGENCY STATE	47	TABLE 1015	2	
EMERGENCY ZIP CODE	48	FREE TEXT	9	
EPISODE INDEX	81	NUMERIC	7	
EXPIRED TERM SVC	18	DATE	11	
FACILITY TYPE	53	TABLE 2015	3	A
HR (HEALTH RECORD)	28	SET Y-YES N-NO	1	N
INITIAL ADM DATE (TRF IN)	64	DATE	11	
INITIAL ADM MTF	63	TABLE 1005	6	
LENGTH SVC	17	FREE TEXT	4	
MEAL CARD	25	SET Y-YES N-NO	1	F
MEB CANDIDATE*	65	TABLE 2010	1	
MEB DATE CONFIRMED	66	DATE	11	
MEB DATE IDENTIFIED	68	DATE	11	
MEB DATE RESOLVED	69	DATE	11	
MEB REMARKS	67	FREE TEXT	65	
MIL THEATER OPERATIONS	86	TABLE 2008	3	N
MSA BALANCE	13	NUMERIC	12	
NEXT OF KIN ADDRESS	38	FREE TEXT	28	
NEXT OF KIN CITY	39	FREE TEXT	20	
NEXT OF KIN NAME	36	FREE TEXT	27	
NEXT OF KIN PHONE	42	FREE TEXT	14	
NEXT OF KIN RELATION	37	TABLE 2012	12	
NEXT OF KIN STATE	40	TABLE 1015	2	
NEXT OF KIN ZIP CODE	41	FREE TEXT	9	
NONMILITARY MTF ADDRESS	55	FREE TEXT	28	
NONMILITARY MTF CITY	56	FREE TEXT	20	
NONMILITARY MTF NAME	54	FREE TEXT	27	
NONMILITARY MTF PHONE	59	FREE TEXT	18	
NONMILITARY MTF STATE	57	TABLE 1015	2	
NONMILITARY MTF ZIP CODE	58	FREE TEXT	10	
ON DUTY FLAG	87	SET Y-ON DUTY N-NOT ON DUTY	1	N
OR (ORDERS)	32	SET Y-YES N-NO	1	N

*** See Section 6 for a discussion of data flags.**

FILE 8000.01 - ADMISSION FILE (Cont'd.)

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
PE (PERSONAL EFFECTS)	33	SET Y-YES N-NO	1	N
PR (PHYSICAL RECORD)	31	SET Y-YES N-NO	1	N
PREVIOUS ADM	22	FREE TEXT	3	
PRIMARY DISP DIAGNOSIS	105	TABLE 9001	5	
PRIMARY PROCEDURE	106	TABLE 9002	4	
PROGNOSIS	74	TABLE 2013	2	
PROJ DISP DATE	24	DATE	11	
PROJ DISP TYPE	23	TABLE 2007	4	
RECORD STATUS FLAG	12	SET A-ARCHIVED C-CANCELLED D-DISPOSITIONED I-INPATIENT P-IN CLINICAL RECORDS M-MEDICAL HOLD (NAVY ONLY) W-WAITING ARCHIVE	1	
REG NO NEWBORN 1/MOTHER	92	NUMERIC	8	
REG NO NEWBORN 2	93	NUMERIC	8	
REG NO NEWBORN 3	94	NUMERIC	8	
REG NO NEWBORN 4	95	NUMERIC	8	
REG NO NEWBORN 5	96	NUMERIC	8	
REG NO NEWBORN 6	97	NUMERIC	8	
REG NO NEWBORN 7	98	NUMERIC	8	
REG NO NEWBORN 8	99	NUMERIC	8	
REG NUMBER	.01	FREE TEXT	8	
RETURN DATE/TIME	52	DATE/TIME	16	
ROOM	82	FREE TEXT	4	
SOURCE ADMISSION*	5	TABLE 2001	3	
SR (SERVICE RECORD)	30	SET Y-YES N-NO	1	N
TRANSFER CONTROL NO	109	FREE TEXT	12	
TRAUMA CODE	108	TABLE 2016	1	F,N
TYPE CASE*	6	TABLE 2004	3	
WARD	9	TABLE 8010	4	
WARD DATE/TIME	15	DATE/TIME	16	

*See Appendix D for a discussion of data flags.

FILE 8000.02 - OUTPATIENT ACCOUNT FILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
ACC NUMBER	.01	NUMERIC	7	
DATE EVENT ENTERED	3	DATE	11	
EPISODE INDEX	2	NUMERIC	7	
EVENT DATE	1	DATE	11	

FILE 8010 - WARD FILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
DELETE DATE	7	DATE	11	
OTHER BEDS BLOCKED	5	NUMERIC	3	
TOTAL BEDS	3	NUMERIC	3	
TOTAL BEDS OCCUPIED	6	NUMERIC	3	
TOTAL PREADMITS	4	NUMERIC	3	
WARD DESCRIPTION	2	FREE TEXT	30	
WARD ID	.01	FREE TEXT	4	

FILE 8020 - PATIENT HISTORY FILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
HISTORY FILE ENTRY NUMBER	.01	NUMERIC	7	

FILE 8020.99 - A&D EVENT SUBFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
ABSENT STATUS	.03	TABLE 2002	2	
CLERKS INITS	.09	FREE TEXT	3	
CLINICAL SERVICE*	.04	TABLE 2005	4	
CURRENT DT/TIME	.08	DATE/TIME	16	
EFFDTTM	.01	DATE/TIME	16	
NEW WARD	.06	TABLE 8010	4	
OLD WARD	.05	TABLE 8010	4	
TEXT	.07	FREE TEXT	72	

* See Section 6 for a discussion of data flags.

FILE 8050 - CASHIER FILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
ACCOUNT NUMBER	.01	NUMERIC	8	A,F
ACCOUNT STATUS	12	SET 0-OPEN C-CANCELLED ADMISSION D-DD139 SENT (AF ONLY) F-FORCED TO FINANCE I-INSTALLATION N-NOT 1080 PATIENT (AF ONLY) R-RETURN FROM FINANCE S-EOM STATEMENT, INPATIENT T-TRANSFERRED TO FINANCE W-WRITTEN OFF X-BLOCK TRANSFER Z-ZERO BALANCE	1	A,F
BALANCE	19	NUMERIC	10	A,F
BILLING CITY	5	FREE TEXT	20	A,F
BILLING HOME PHONE	16	FREE TEXT	19	A,F
BILLING NAME	1	FREE TEXT	27	A,F
BILLING STATE	6	TABLE 1015	2	A,F
BILLING STREET ADDRESS	4	FREE TEXT	28	A,F
BILLING WORK PHONE	17	FREE TEXT	19	A,F
BILLING ZIP CODE	7	FREE TEXT	9	A,F
CHARGE RATE*	15	TABLE 3010		A,F
DATE SENT DD139	36	DATE	11	A,F
DD139 ADDRESSEE	30	FREE TEXT	28	A,F
DD139 CITY	31	FREE TEXT	20	A,F
DD139 CONTROL NO	39	FREE TEXT	12	A,F
DD139 STATE	32	TABLE 1015	2	A,F
DD139 ZIP CODE	33	FREE TEXT	5	A,F
DELINQUENT BALANCE	23	NUMERIC	10	A,F
FMP*	2	TABLE 1012	2	A,F
INDEX INTO REG FILE	27	FILE 8000	27	A,F
INDEX TO SPON REG	28	FILE 8000	27	A,F
LAST NIGHTLY RUN DATE	38	DATE	11	A,F
PATIENT CATEGORY*	9	TABLE 1002	3	A,F
REG NO	29	FREE TEXT	8	A,F
REMARKS	24	FREE TEXT	71	A,F
SPONSOR PAY GRADE	18	FREE TEXT	2	A,F
SSN	3	FREE TEXT	11	A,F
STATUS DATE	12.5	DATE	11	A,F
TOTAL CHARGES	20	NUMERIC	10	A,F
TOTAL PAYMENT	22	NUMERIC	10	A,F
ZIP2 DD139	34	FREE TEXT	4	A,F

*See Appendix D for a discussion of data flags.

FILE 8050.01 - INPATIENT CHARGES SUBFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
ADJUSTED FLAG	7	SET X-ADJUSTED RECORD	1	A,F
BEGIN DATE	.01	DATE	11	A,F
CHARGE CATEGORY	2	TABLE 3010	4	A,F
CHARGE DAYS	5	NUMERIC	2	A,F
END DATE	1	DATE	11	A,F
NON-CHARGE DAYS	6	NUMERIC	2	A,F
REASON FOR ADJUSTMENT	8	FREE TEXT	20	A,F
TOTAL CHARGE	3	NUMERIC	10	A,F
TRANSACTION DATE	4	DATE	11	A,F

FILE 8050.02 - CASH SUBFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
BALANCE	6	NUMERIC	12	A,F
CASH AMOUNT	1	NUMERIC	10	A,F
CASH DATE RCVD	.01	DATE	11	A,F
CASH POST DATE	2	DATE	11	A,F
CCV POINTER	5	NUMERIC	7	A,F
CLERK INIT	7	FREE TEXT	23	A,F
RECEIPT NUMBER	1.5	NUMERIC	9	A,F
TYPE PAY	4	TABLE 3015	1	A,F

FILE 8050.04 - NOTIFICATION LETTERS SENT

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
ADM DATE	5	DATE	11	A,F
BALANCE	4	NUMERIC	12	A,F
DISP DATE	6	DATE	11	A,F
LETTER	.01	DATE	11	A,F
TOTAL CHARGES	2	NUMERIC	10	A,F
TOTAL PAID	3	NUMERIC	12	A,F
TYPE	1	NUMERIC	1	A,F

FILE 8050.05 - CASHIER ONE TIME CHARGE SUBFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
AMOUNT	4	NUMERIC	8	A,F
CHG CATEGORY*	1	TABLE 3010	4	A,F
DATE CHG ENTERED	5	DATE	11	A,F
DESCRIPTION	2	FREE TEXT	45	A,F
EFF DATE	.01	DATE	11	A,F
QUANTITY	3	NUMERIC	2	A,F

* See Section 6 for a discussion of data flags.

FILE 8050.06 - MSA PATIENT CHARGES BY FUND SUBFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
FUND 1	.01	NUMERIC	10	A,F
FUND 2	1	NUMERIC	10	A,F
FUND 3	3	NUMERIC	10	A,F
FUND 4	4	NUMERIC	10	A,F
FUND 5	5	NUMERIC	10	A,F
FUND 6	6	NUMERIC	10	A,F
FUND 7	7	NUMERIC	10	A,F
FUND 8	8	NUMERIC	10	A,F
FUND 9	9	NUMERIC	10	A,F
FUND 10	10	NUMERIC	10	A,F

FILE 8050.07 - CASHIER NOTIFY RECORDS SUBFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
1049 CONTROL NO	7	FREE TEXT	12	A,F
DATE CLEARED	5	DATE	11	A,F
FUND 1	8	NUMERIC	8	A,F
FUND 2	9	NUMERIC	8	A,F
FUND 3	10	NUMERIC	8	A,F
FUND 4	11	NUMERIC	8	A,F
FUND 5	12	NUMERIC	8	A,F
FUND 6	13	NUMERIC	8	A,F
FUND 7	14	NUMERIC	8	A,F
FUND 8	15	NUMERIC	8	A,F
FUND 9	20	NUMERIC	8	A,F
FY	3	NUMERIC	2	A,F
MESSAGE	2	TABLE 1001	78	A,F
NOTIFY	.01	DATE	11	A,F
OLD PATIENT CATEGORY	18	TABLE 1002	1	F
OVERPAY FLAG	6	SET 1-PRODUCE 1049	1	A,F
SALES CODE*	4	TABLE 3010	4	A,F
TOTAL CHGS	17	NUMERIC	10	A,F
TOTAL DEPOSITED	16	NUMERIC	10	A,F

* See Section 6 for a discussion of data flags.

FILE 8050.09 - ACCOUNT STATUS HISTORY

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
CONTROL NUMBER	3	FREE TEXT	12	A,F
STATUS	2	FREE TEXT	1	A,F
STATUS EFFECTIVE DATE	.01	DATE	11	A,F

FILE 8050.12 - CASH COLLECTION FY SUBFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
CASH DISTRIBUTION YEAR	.01	NUMERIC	4	A,F
FUND 1	1	NUMERIC	10	A,F
FUND 2	2	NUMERIC	10	A,F
FUND 3	3	NUMERIC	10	A,F
FUND 4	4	NUMERIC	10	A,F
FUND 5	5	NUMERIC	10	A,F
FUND 6	6	NUMERIC	10	A,F
FUND 7	7	NUMERIC	10	A,F
FUND 8	8	NUMERIC	10	A,F
FUND 9	9	NUMERIC	10	A,F

FILE 8080 - CASH COLLECTION VOUCHER FILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	MIL DEP SPEC
DATE DEPOSITED	.01	FREE TEXT	11	A,F
FINANCE CCV NO	4	FREE TEXT	6	A,F
TOTAL CASH COLLECTED	2.2	NUMERIC	9	A,F
TOTAL CHECKS COLLECTED	2.6	NUMERIC	8	A,F
VOUCHER NUMBER	2	FREE TEXT	7	A,F

FILE 8080.01 - CCV FY SUBFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	MIL DEP SPEC
FISCAL YEAR	.01	NUMBER	2	A,F
FISCAL YEAR IDX	.001	NUMBER	2	A,F

FILE 8082 - INSURANCE CO COPYING CHARGES FILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
AMOUNT	8	NUMERIC	9	A,F
CCV POINTER	9	NUMERIC	7	A,F
DATE	.01	DATE	11	A,F
DATE POSTED	10	DATE	11	A,F
I & R	12	FREE TEXT	7	A,F
INS CO ADDR	3	FREE TEXT	28	A,F
INS CO CITY	5	FREE TEXT	20	A,F
INS CO NAME	2	FREE TEXT	27	A,F
INS CO STATE	6	TABLE 1015	2	A,F
INS CO ZIP	4	NUMERIC	9	A,F
PATIENT NAME	7	FREE TEXT	27	A,F
TYPE PAY	11	TABLE 3015	1	A,F

FILE 8091 - GROUP MEAL SALES FILE

FIELD DESCRIPTION	FIELD .NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
BILLING ADDRESS	5	FREE TEXT	28	A,F
BILLING CITY	6	FREE TEXT	20	A,F
BILLING STATE	7	TABLE 1015	2	A,F
BILLING ZIP	8	FREE TEXT	10	A,F
CCV POINTER	12	NUMERIC	7	A,F
CONTROL NUMBER	.01	FREE TEXT	10	A,F
DATE CHARGE POSTED	13	DATE	11	A,F
DATE OF PAYMENT	3	DATE	11	A,F
DATE OF SALE	1	DATE	11	A,F
DATE PAYMENT POSTED	14	DATE	11	A,F
PATIENT CATEGORY*	11	TABLE 1002	3	A,F
TOTAL CHARGE	10	NUMERIC	9	A,F
TYPE OF PAYMENT	4	TABLE 3015	1	A,F
UNIT NAME	2	FREE TEXT	30	A,F

*See Appendix D for a discussion of data flags.

FILE 8091.01 - GROUP MEAL SALES AMOUNT SUBFILE

FIELD DESCRIPTION	FIELD NUMBER	TYPE	LENGTH	SERVICE SPECIFIC
QUANTITY	.01	NUMERIC	4	A,F
TYPE OF PAYMENT	2	TABLE 3015	1	A,F
UNIT PRICE	1	NUMERIC	7	A,F

SECTION 8

SYSTEM MANAGER FUNCTIONS

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INTRODUCTION TO SECTION 8

Section 8 of this manual addresses the System Manager functions in relation to the Ad Hoc Report Generator Function. Only those people with System Manager Capabilities will be able to perform these functions.

There are three main areas of concern to a System Manager when implementing Ad Hoc. They are:

1. Ad Hoc Security
2. Turning on Ad Hoc Capabilities
3. Adding an Ad Hoc Report to a Function Menu

Ad Hoc Security - Security within the Report Generator capability with access to certain files is based on User ID. For example, if a user does not have access to QA, he/she cannot define any data items from any QA file. Additionally, the user will not be able to test run a defined report that contains data from any file to which he/she does not have access.

A second type of security is specified on the General Information Screen. If a report is of a secure nature, Primary Printer Only can be specified so that this report can print only on the primary printer set up in the report menu and cannot be redirected to another printer if the primary device is busy or not working.

Turning on Ad Hoc Capabilities - Before you can use Ad Hoc you must turn on the report capabilities using the System Operations Menu. Before you do so you must be authorized to access the Main Menu and must get an authorization code from NDC Customer Support.

Instructions on how to turn on the capabilities are on the following pages.

Adding an Ad Hoc report onto a Functional Menu - Before adding the Ad Hoc Report to an AQCESS functional menu, it should be run in the test mode using the test run option in the report generator. When it runs correctly, it can be added to a menu so that it is available to users. Using the Table Maintenance Add option, the System Manager can add your report to one of the AQCESS report menu tables. Instructions for how to enter a report are on the following pages. Also included are instructions on how to move a report from one functional menu to another.

TURNING ON THE AD HOC REPORT GENERATOR CAPABILITIES

```
USER ID      (Your User ID) (R)
PASSWORD     (Your Password) (R)
TYPE A '?' FOR OPTIONS
OPTION:  [?]  (R)
S    SYSTEM STATUS
E    ERRORS
ED   EDIT TERMINAL GLOBALS
D    DEVICE SETUP
I    INTEGRITY
SA   SAVE TRAINING DATABASE
L    LOAD TRAINING DATABASE
B    BROADCAST
BA   BACKUP SYSTEM
C    CLINICAL RECORDS BATCH PROCESSING
T    TALLY DISK BLOCKS
CA   CARETAKER UTILITIES
DA   DATE UPDATE
TI   TIME UPDATE
SH   SHUTDOWN SYSTEM
U    UPDATE OR VIEW SOFTWARE
R    RESTORE SYSTEM MANAGER
OPTION:  [U]  (R)
30-Apr-86 13:55 (Date and time may change.)
TYPE A "?" FOR UPDATE OPTIONS
UPDATE OPTION:  (Enter code given to you by NDC Customer Support*)  (R)
TRAINING, LIVE OR MANAGER:  [L]  (R)

> [ZL RP]    (R)

> [ZR ACTIVE]    (R)

> [ZS]  (R)

> [H]  (R)

EXIT
```

* To get this code, call NDC Customer Support at 1-800-368-3325 or (autovon) 295-3629; 295-3614. Identify yourself and your site and inform them that you are turning on the AD HOC Report Generator Capabilities.

Once you have "turned-on" the AD HOC Report Generator at your site, remember to go into the System Manager Function and assign AD HOC capabilities ("G") to the appropriate User ID/Password and Terminal.

Adding an AD HOC Report to a Function Menu.

- Enter S (System Manager) and press RETURN on the main AQCESS Menu.
- On the System Management Menu screen, enter T (MTF Table Maintenance) and press RETURN.

The Table Maintenance Screen is displayed.

- Enter A (to Add New Item) and press RETURN.

The Table ID field is displayed.

- Enter the number of the table you want to add the report to. (If you don't know the table ID, use "Help" to see a list of the system tables and their numbers) press RETURN.

  The Table IDs for report menus are:

  5002 RADT REPORTS MENU FILE
  5003 QA REPORTS MENU FILE
  5004 CR REPORTS MENU FILE
  5005 OTHER REPORTS MENU FILE
  5006 PROFILING REPORTS MENU LIST
  5007 MSA REPORTS MENU (AIRFORCE & ARMY ONLY)

- Enter the AD HOC report number of the report you want to add to the specific reports menu file. Press RETURN.
- Enter the REPORT DESCRIPTION of the report you want to add to the specific reports menu file (up to 45 characters). Press RETURN.

  [This description is the title of the report and will appear on the function reports menu]

- Enter REPORT TYPE of the report you want to add to the specific reports menu file. (If you don't know the report type, use help to see a list of the report types) press RETURN. The available report types are: Nightly (N), Monthly (M), or Special (S)
- Enter SERVICE FLAGS of the report you want to add to the specific reports menu file. (If you don't know the service flags, use help to see a list of service flags) press RETURN.
- Enter PRIMARY PRINTER ID - this is the device name for the printer at which you want the output to print. (If you don't know the primary printer ID, use help to see a list of the primary printer ID) press RETURN.

- Press RETURN at the DELETE DATE field *(leave blank)

  (NOTE: If you want to suppress a report that is on an AQCESS function menu you would enter a delete date. To reinstate the report on the menu, simply clear the delete date).

Is everything correct? Is displayed.

- If everything is correct enter Y and press RETURN.

Adding a report from one functional menu to other functional menus.

- Enter S (System Manager) and press RETURN on the Main AQCESS Menu.

- On the System Management Menu Screen, enter T (MTF Table Maintenance) and press RETURN.

The Table Record Maintenance screen is displayed.

- Enter V (to View) and press RETURN.

The Table ID field is displayed.

- Enter the number of the table that contains the report you want to add to another functional menu at the table ID field. If you don't know the table ID number, press "Help" to see a list of the system tables and their numbers. Press RETURN.

  The Table IDs for report menus are:

  5002 RADT REPORTS MENU FILE
  5003 QA REPORTS MENU FILE
  5004 CR REPORTS MENU FILE
  5005 OTHER REPORTS MENU FILE
  5006 PROFILING REPORTS MENU LIST
  5007 MSA REPORTS MENU (AIRFORCE & ARMY ONLY)

The title of the table is displayed, and a REPORT NUMBER field appears.

- Enter the report number* of the report you want to add into another report menu file. (If you don't know the report number, use "Help" to see a list of the reports and their numbers). Press RETURN.

  *The report number is not the number of the report on the function menu list; it is an internal number assigned by the system you can determine by pressing "Help".

  [Make note of the REPORT NUMBER]

The report description, report type, service flags, and primary printer ID of this report number is displayed.

  [Make note of the report description, report type, and service flags]

- Press RETURN at Enter Selection.

- On the System Management Menu Screen, enter T (MTF Table Maintenance) and press RETURN.

The Table Record Maintenance screen is displayed.

- Enter A (to Add New Item) and press RETURN.

The Table ID field is displayed.

- Enter the number of the table you want to add the report to. to (If you don't know the table ID, use "Help" to see a list of the system tables and their numbers). Press RETURN.

  The Table IDs for report menus are:

  5002 RADT REPORTS MENU FILE
  5003 QA REPORTS MENU FILE
  5004 CR REPORTS MENU FILE
  5005 OTHER REPORTS MENU FILE
  5006 PROFILING REPORTS MENU LIST
  5007 MSA REPORTS MENU (AIRFORCE & ARMY ONLY)

- Enter the report number* of the report you want to add to the specific reports menu file. Press RETURN.

- Enter the REPORT DESCRIPTION of the report you want to add to the specific reports menu file (up to 45 characters).

  [This description will appear on the function reports menu]

- Enter REPORT TYPE of the report you want to add to the specific reports menu file. (If you don't know the report type, use help to see a list of the report types) press RETURN.

- Enter SERVICE FLAGS of the report you want to add to the specific reports menu file. (If you don't know the service flags, use help to see a list of service flags) press RETURN.

- Enter PRIMARY PRINTER ID - this is the device name for the printer at which you want the output to print. (If you don't know the primary printer ID, use help to see a list of the primary printer ID) press RETURN.

- Press RETURN at the DELETE DATE field (leave blank)

Is everything correct? Is displayed.

- If everything is correct, enter Y and press RETURN.

AD HOC REPORTING

SYSTEM MANAGER HINTS

- After turning on Ad Hoc at your facility, you must add "G" to both terminal capabilities and User IDs in order to access Ad Hoc Reporting.

- When an Ad Hoc Report is added to a functional menu, the report number will appear when the System Manager presses the Help key in the table 5000 series. The report may be later removed from the functional menu and even deleted from the system. However, THE REPORT NUMBER CAN NEVER BE REMOVED FROM THE SYSTEM MANAGER HELP TABLE. To avoid building a large help table containing deleted reports, new Ad Hoc reports can replace previous menu reports by assigning the new reports to previously used report numbers.

- In order to use a file when creating a report, the User ID must have the appropriate capabilities. Therefore, an Admission clerk would not be able to create a Quality Assurance report. Once a report is created, though, the system manager may place it on any functional menu.

END

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